

R.C.'s 100th ISSUE!

ANTIQUE RADIO CLASSIFIED



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THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS - PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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PURPOSE. *Antique Radio Classified* is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.

CONTACTING ANTIQUE RADIO CLASSIFIED.

All correspondence should be sent to:

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Your ads, renewals, letters, etc. can be handled faster and more efficiently if (1) each is on a separate piece of paper, and (2) your name, address and SUB# is written on each.

Unfortunately, A.R.C. is not staffed to answer letters

with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and publishes them as space permits. A.R.C. assumes that permission is given to edit and to publish all correspondence and articles received unless otherwise indicated.

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The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and non-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.

All advertising must be prepaid; see "Payment" paragraph above. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, **originals must be the artwork size listed below.** Do not send in artwork on art board or send negatives. Ads should be typeset or typed neatly with a carbon ribbon, black printing on white. No reverse type if A.R.C. is to make up the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85 line screen; otherwise, add \$10.00 per photo for screening. **Do not cut or trim photos or glue photos to artwork; submit separately.**

If you are confused by these requirements and terms,

Page	ARTWORK SIZE (SEND IN THIS SIZE)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	One-time Cost for A.R.C. to make up Ad (if requested)
	H x W (inches)		H x W (inches)					
Full	12 3/16 (or 10 1/2)	x 7 1/2	7 3/4 (or 6 5/8)	x 4 3/4	\$169.00	\$455.00	\$799.00	\$55.00
1/2 H	5 1/4	x 7 1/2	3 5/16	x 4 3/4	85.00	230.00	399.00	28.00
1/2 V	12 3/16 (or 11 13/16)	x 3 9/16	7 7/16	x 2 1/4	85.00	230.00	399.00	28.00
1/4	5 1/4	x 3 9/16	3 5/16	x 2 1/4	43.00	116.00	199.00	14.00
1/8	2 5/8	x 3 9/16	1 5/8	x 2 1/4	22.00	60.00	99.00	7.00
Business Card	2	x 3 3/4	1 1/4	x 2 3/8	not avail.	31.00	55.00	5.00



ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

A.R.C. celebrates its 100th issue with a striking black and silver cover, reproduced from a 1930s WLW brochure. Station WLW in Cincinnati, Ohio, was owned by the Crosley Corporation, which marketed airtime with this brochure. Operating on 500,000 watts for a short time, WLW received commendations from listeners around the world, according to this brochure. Our lead article about WLW, written by A.R.C. staff member Dorothy Schechter, ties in well with Philip Whitney's interesting article about what radio listening was like in 1925.

As WLW was the leading station in the 1930s, so A.R.C. is the leading publication for radio collectors in the 1990s. Our annual *Statement of Ownership, Management and Circulation* (required for magazines by the U.S. Postal Service) is printed below and shows that our circulation for the September 1992 issue was 7,461 — an increase of 453 from a year ago.

One hundred issues ago, in June 1984, a free sample copy of A.R.C. was mailed to collectors across the U. S. By the time the second issue was mailed, in September 1984, 440 enthusiastic collectors had signed up; 303 are still diehard subscribers today! With a current subscriber count of over 7,500, A.R.C.'s growth since 1984 has been extraordinary. Judging from the many kudos in our incoming mail, we feel confident that this growth will continue.

The report on the 1992 Antique Wireless Association (AWA) Annual Historical Radio Conference highlights five days of flea market, auctions, seminars, contests, kibitzing and visits to the AWA museum — all enjoyed by 1,000-plus collectors. The auction total was about \$41,000. An early wireless item, a Mark III WWI crystal set, not all original, sold for \$1,900. Photos are included from the auction, the Old Equipment Contest and the flea market.

Arthur Harrison contributes a *Home Brewing* article this month. Since early board crystal sets are rare and expensive, Arthur decided to reproduce similar sets from authentic components. He offers many small details that are very important to anyone involved in board crystal set projects.

Charles Conte began his collecting of radios with a Bakelite set he remembers from his boyhood days. This set sparked his passion for radio and remains a treasured possession.

The response was overwhelming to the Faragos' questions on radio and power in the May 1992 issue. Ray Bintliff took on the task of combining the answers in the article included in this issue.

Welcome contributions from our readers are featured in our regular *Radio Miscellanea* and *Photo Review* sections.

Renew Now and Save! Another reminder that our subscription rates must be increased on January 1. Call or write to renew/extend your subscription at the current rates to avoid the increase. Advertising rates will be increased also, in order to spread the financial burden more fairly.

With the holiday season approaching, club activity is moderating. The full list of clubs in the U. S. is printed this month, so try to find a nearby club to join. No doubt about it — club activities are the best way to learn about the details of collecting old radios.

Happy collecting.

John V. Terrey

ON THE COVER

The cover illustration is from a handsome 1930s brochure for the Crosley Corporation radio station WLW. For our 100th issue celebration, we have tried to reproduce the color and excitement of the original. (From the Editor's collection)

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

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10.	Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
A.	Total No. Copies (Net Press Run)	8478	8902
B.	Paid and/or Requested Circulation		
1.	Sales through dealers and carriers, street vendors and counter sales	0	0
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C.	Total Paid and/or Requested Circulation (Sum of 10B1 and 10B2)	7208	7461
D.	Free Distribution by Mail, Carrier or Other Means		
	Samples, Complimentary, and Other Free Copies	768	957
E.	Total Distribution (Sum of C and D)	7975	8418
F.	Copies Not Distributed		
1.	Office use, left over, unaccounted, spoiled after printing	503	486
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G.	Total (Sum of E, F1 and 2 — should equal net press run shown in A)	8478	8902
11.	I certify that the statements made by me above are correct and complete.	Signature and Title of Editor, Publisher, Business Manager, or Owner <i>John V. Terrey, PUBLISHER</i>	

VINTAGE BROADCASTING

WLW — “The Nation’s Station”

BY DOROTHY A. SCHECTER

The information in this article was taken from an elaborate 1930s Crosley Corporation brochure about WLW, Cincinnati. The brochure illustrates the advertising style of big corporations like Crosley in pursuit of customers for radio air time. (Editor)

WLW — “So tremendous, so vital, so swiftly changing is the nation which it serves, that the story of this great station must be a saga of change, a paeon [paeon] of progress to tell how it reaches out toward each tomorrow, ready to meet the ever increasing demands of its audience.”

So says a 1930s Crosley Radio Corporation brochure which touts the advantages to prospective clients of WLW broadcast advertising as a means of selling their wares. The “pitch” is both similar to and different from today’s advertising — similar in its exaggerated tone; different in its sophisticated vocabulary. But, the aim is the same — to sell a product — in this case, radio advertising time on WLW, Cincinnati, Ohio.

In design, the brochure has an elegance that would appeal to an upscale audience. Twenty-six illustrations and thirty-five reproductions of testimonial letters make each page visually interesting, while detailed text accompanies the pictures. The purely Art Deco cover, reproduced on A.R.C.’s cover, has an embossed brown leather look. The whole effect is “class.”

With this marketing tool, the Crosley Corp. obviously targeted “Big Business” and sought to live up to its claim that WLW was “the most popular broadcasting station in the nation, with the greatest coverage in the world’s richest market.” On one page, Powell Crosley, Jr., the president of the Crosley Radio Corp., is pictured hailing the success of WLW and stating the obvious — that “WLW has at all times the 100% support” of his \$6,000,000 organization.

NEW FACILITIES

A prospective client had to be dazzled by pictures of WLW’s grand facilities on the 8th floor of

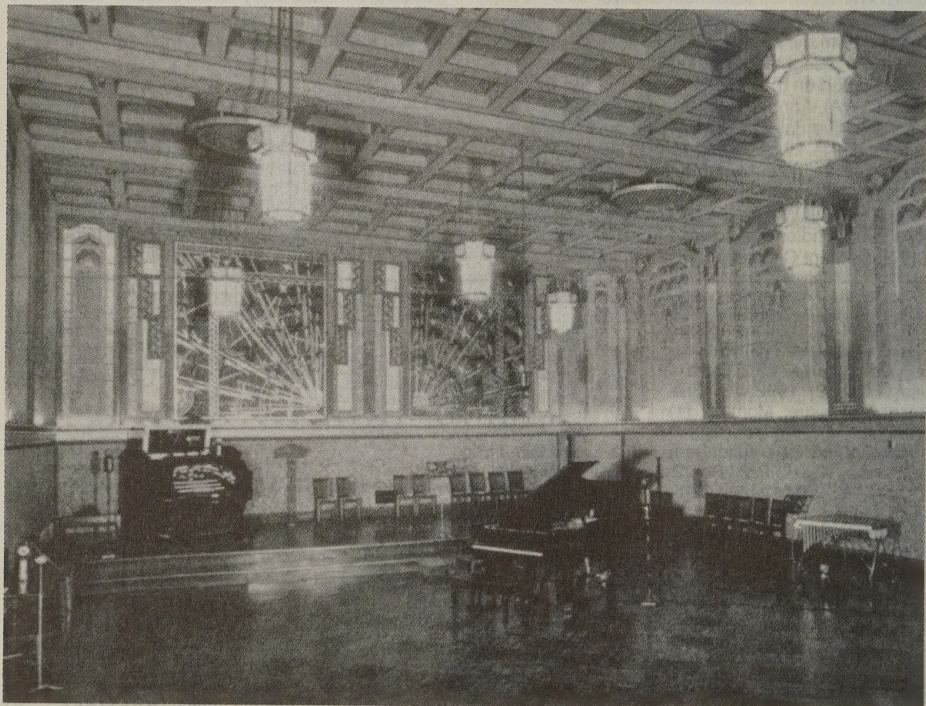


Figure 1. The spacious Studio A on the 8th floor of the new Crosley Corp. Building.



Figure 2. WLW's old single studio.

Crosley's new factory and office building. Lined completely with felt, the five large studios were "entirely vibrationless and sound proof"; in fact, they "floated in this felt." Studio A, shown in Figure 1, displays the ultimate in luxurious appointments — spacious enough for a full symphony orchestra, "ample enough to accommodate the most pretentious program" and "exquisitely decorated, evenly lighted...supplied constantly with fresh washed air." A picture of WLW's old, single studio, shown in Figure 2, is in stark contrast to the elegant new ones.

WLW's technical prowess is demonstrated in the latest microphones, the private control room attached to each studio and maintained by a "skilled technician," and the master control room manned by "specially educated radio engineers." A special viewing room allows the client to hear and see his program as presented over the air. Furthermore, the client is assured of a personalized approach to his program, with "only the very best artists" chosen to represent his product.

The brochure implies that WLW retained a large corps of fine musicians who had "refused offers to play with symphony orchestras." In addition, a "staff of versatile organists" presided over the splendid organ that was specially constructed for broadcasting. No union could have controlled these artists' hours because the brochure claims that "only after the most exhaustive rehearsals" was a musical program permitted on the air.

BEHIND THE SCENES

WLW's advanced technology is the subject of another chapter of the brochure — "Fifty thousand watts, 100% modulation, and a cleared chan-

nel make WLW the bright spot on the dial." A picture of radio amplifying tubes, shown in Figure 3, supports the claim of a "fortune" invested in tubes — the price tag of each was \$650.

A giant 50,000 watt transmitter, shown in Figure 4, had been built 25 miles from Cincinnati and had solved the problem of static which interfered with programming. The transmitter was powerful enough to "ride over" the huge amount of electrical interference in the air. The brochure claims that listeners had written letters of commendation to WLW from as far away as New Zealand.

Finally, specialists in "radio technique" were available to prospective clients. WLW had a built-in "Madison Ave." staff — a seemingly full-scale advertising agency. A "Merchandizing Research Department" advised on the most effective approach to selling a particular product. A "Program Building Department" analyzed the product, its distribution, and its current advertising methods. In turn, the "Continuity Service" helped the client to sell his product convincingly and entertainingly. Other services included the "Artists and Repertoire Bureau" and the "Publicity and Press Relations Department."

NATIONAL COVERAGE

WLW claimed to do "in one hour what it takes weeks to accomplish with other media." Complete national coverage gave the client "more listeners per dollar" and "while the advertising rate may be the highest, the listener cost is the lowest."

Today, we are inundated with polls, but they
(Continued on following page)

(WLW, continued)

are nothing new. In the 1930s, WLW was hard at the polling process — known then by more genteel terms, such as “surveys” and “inquiries.”

Surveys to determine listener interest in the station and in various types of programming were conducted regularly. The offer of a booklet, “Behind the scenes at WLW,” prompted 12,818 requests from the U. S., Canada, and “12 remote areas outside of the U. S.” Twenty-five percent of those who received the booklet responded to its questionnaire. The tabulated answers expressing listeners’ reactions to radio entertainment were made available to prospective clients.

Clients, in turn, reported success in getting mail response from broadcast offers. In fact, a major section of the brochure entitled “Big Business Buys WLW Time” is composed of 32 pages of testimonials by companies largely from the eastern half of the U. S. An example of high praise came from the Producers Co-Operative Commission Association, sponsor of WLW Stock Market Reports. This service enabled association members to keep in touch with “live stock markets.”

“Live” was certainly the word for it. WLW placed a microphone in the Cincinnati Stockyards to keep farmers posted on prices the minute they were

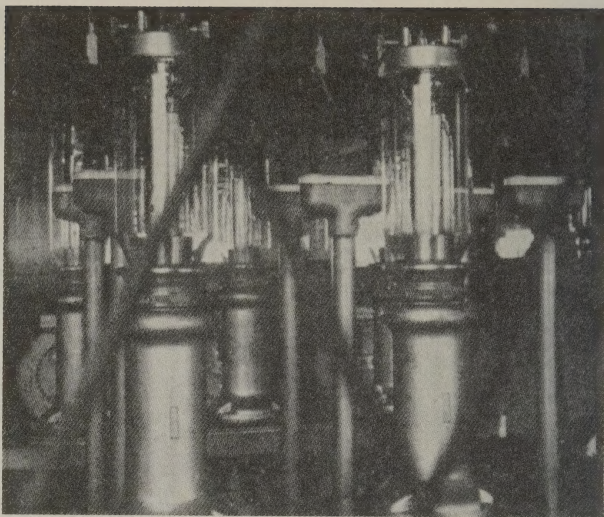


Figure 3. “Each giant tube costs six hundred and fifty dollars.”

quoted. One can’t help wondering how the lucky reporter felt about this aromatic assignment.

A grand total of 170 clients is listed on the final page. Everything from shoes, iron, oil and toothpaste to seeds and watches is represented. Names, still familiar, appear on the list — Sears Roebuck, Chrysler, Singer Sewing Machine, Pepsodent, Bulova, American Cyanamid, Standard Oil, etc.

It is clear that the prospective WLW client would find, the brochure claims, “enough between these covers to be convinced that his advertising dollar, to yield 100% return, cannot ignore the greatest single advertising medium in the world, WLW.”

It is also clear that hyperbole was the name of WLW’s advertising game — and that times have not changed, except in the power of today’s technology to disseminate advertising to every nook and cranny of our lives, rather than simply to send an elegant brochure for our reading pleasure.

(Dorothy A. Schecter, c/o A.R.C., Box 2, Carlisle, MA 01741)

Before joining A.R.C.’s editorial staff two years ago, Dorothy Schecter did not know that radio collectors existed. Now she is fully aware of the importance of breadboards, Catalins, Bakelites and all the other treasures that set the hearts of collectors afire. Before long, you may see her ads in A.R.C., and you’ll know that she has fully succumbed to our radio addiction.

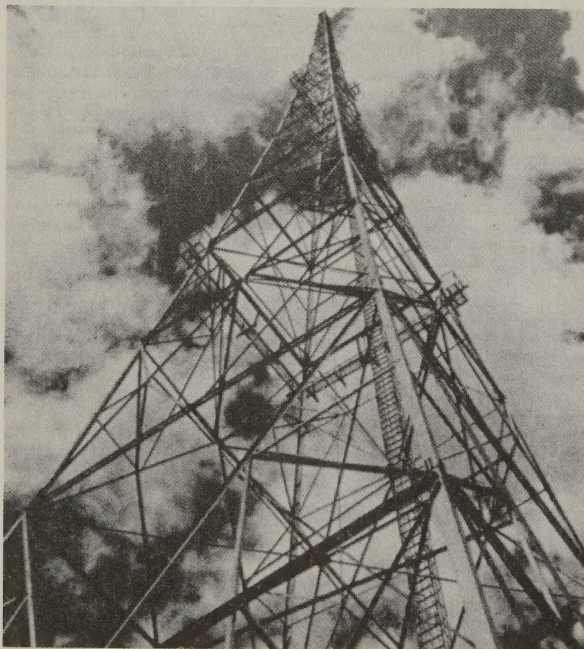


Figure 4. WLW’s giant 50,000 watt transmitting tower.



RADIO MISCELLANEA

"Antique Radio Classified" invites its readers to contribute letters and information for inclusion in "Radio Miscellanea" and elsewhere in the magazine. The topic should be of general interest and sent to A.R.C., P.O. Box 2, Carlisle, MA 01741. All material submitted should be verified for accuracy and may be edited for publication, which is not guaranteed. See the masthead for more details.

On Selling Radios Without Tubes

Dear Editor:

Why are so many people offering old radios with no tubes? When [the old radios] quit, people didn't say, "Oh, we must remove the tubes and store the radio in the attic or basement." I'm kind of new to this field, but it seems to me that maybe the couple of bucks you get for a used tube might be better added back into the radio you want to sell.

I collect lots of stuff, but I don't see clock collectors taking hands off or gun collectors taking locks off to sell them separately. Sure, tubes were extra when you bought your 1925 Acme TRF, but if they are in the radio when you find it at this auction, flea market, garage sale or garbage heap, why not leave them in the radio?

Thanks for a good publication that could be expanded with a few more how-to-do articles. There are a lot of us out there who are not going to pay \$40-\$50 to someone to fix our \$5 radios that we can sell for \$60 when we are done. We have a growing field for many, many people who are looking for help. Run the how-to-do stuff without the prerequisite for a degree in electronics for us to understand.

Herman Hoopes, Mine Hill, NJ

Tubes often are not included with battery sets, many of which are priced well under \$100, mainly because tubes can, in some cases, be worth more than the set itself. For example, tubes for a 6-tube, 3-dialer can add \$30 or more to its price, and the four WD-11s for a Radiola 3A themselves are worth over \$100. Many collectors use dud (burnt-out) tubes in their sets for display purposes and move a good set of tubes between radios when they wish to hear them play.

A.R.C. runs frequent articles on both electrical and cabinet repair. We also recommend two books: "Old-Time Radios! Restoration and Repair" by Carr, and "Fixing Up Nice Old Radios" by Romney, which are available from A.R.C. and its advertisers. (Editor)

Where to Find Bus Bar Wire

Dear Editor:

Here is a hint for antiquers building '20s vintage radios. Old-fashioned tinned round bus bar wire is available from stained glass supply houses. It comes in straight 2-foot lengths and sizes from 22 to 12. Costs about 20 cents a stick. Back in the '20s it was 2 or 3 cents each.

R.L. Oberholtzer, North Cape May, NJ

More on Left-Handed Radios

Dear Editor:

In reference to Ron Boucher's article in the April 1992 A.R.C. on "Left-Handed Radios," I have a couple of sets from my collection to add to the roster of "Lefties."

(1) Airline 64BR-1808A (made by Belmont).

References:

Radios of the Baby Boom Era, Vol. 1, p. 110.

Guide to Old Radios, p. 107.

(2) Hallicrafters Sky Buddy S-19-R.

References:

A Flick of the Switch, p. 227.

Communication Receivers, p. 36.

The Hallicrafters Story, p. 69.

I could not help noticing that Hallicrafters made several "Lefties" in both the pre- and post-World War II eras; for example, S-1, S-9, SX-9, S-20, S-21, RE-1 Sky Courier and S-40, S-51, S-72.

Doug Burskey, Mansfield, OH

Litz Wire Problem

Dear Editor:

How does one solder Litz wire such as found on older headphones, speakers, etc.?

William H. Ross, Winnetka, IL

Info on Conductive Coating

Dear Editor:

A reader wanted info on conductive coating. A conductive coating for remote key pads is available from Wisconsin Electronic Equipment Corp., 2805 University Ave., Madison, WI 53705-3643. It comes in a small glass bottle. Cost is \$8.99 ppd.

LeRoy Gorman, Holly Hill, FL

Marconi Center Seeks Donors

Dear Editor:

Marconi Conference Center opened in 1990 as a nonprofit conference center and a California State Historic Park. This site was originally one of Guglielmo Marconi's 400 wireless receiving stations and is the only one being preserved as an historical site...We would like to give your readers the opportunity either to contribute to our collection of antique radios and wireless equipment or to place such pieces on permanent loan for exhibit in the Marconi Museum...They would be enjoyed by countless visitors from all over the world...Contact Wayne Zion, the Marconi Conference Center, P.O. Box 789, Marshall, CA 94941. Telephone: 415-663-9030. Fax: 415-663-1731.

Wayne Zion, Marshall, CA

WITH THE COLLECTORS

Radio Broadcasting in 1925

BY PHILIP WHITNEY

The year 1925 was a good one for radio "fans." It was five years after the birth of broadcasting in 1920 when KDKA had come on the air for Westinghouse Electric and Manufacturing Company in Pittsburgh, and four years before the crash and depression.

Station licensing was in the hands of the Department of Commerce, headed by Herbert Hoover. In that year a tobacco company in Richmond, Virginia, applied for a station license and was rejected because there were already too many stations! With a little political pressure from a senator, the company was granted a license. Eventually, the station — WRVA — became that state's only 50,000 watt AM station.

Many of the early stations were owned by churches which broadcast services only on Sundays. Others were built by electric companies which needed local stations in order to sell radio sets. A few were built by newspapers to broadcast the headlines; they then sold the papers for "in-depth" coverage. A few, such as WPG in Atlantic City, were erected by cities to advertise their vacation facilities. The call letters "WPG" stood for "World's Play Ground."

Some stations were built to help sell radio receivers. For example, WDBJ in Roanoke, Virginia, a powerful little 50-Watt station, provided the transmitter for the Richardson-Wayland Electric Corporation. When a customer came in to hear a radio, the salesman would turn on the transmitter and play a phonograph record which was heard on the new radio. If he liked the sound, the customer would buy the receiver.

In Chicago, Sears Roebuck wanted people to know that it was the largest store in the world, so its call letters were WLS for "World's Largest Store." Detroit put station KOP on the air and dispatched its police cars on 1150 Kc. WRR in Dallas dispatched both police and fire equipment. In Baltimore, the Fifth Infantry, Maryland National Guard, put WFBR on the air. Today, it is one of that city's leading stations.

KNT was on the air in Kukak, Alaska, while KYQ was Honolulu's station. The Boy Scouts of America operated WDBZ in Kingston, N.Y. WEEI in Boston, still one of that city's leading stations, has call letters which stand for "Edison Electric Illuminating."

Some stations lasted only a short time. The newspaper-owned station in Bluefield, West Virginia, went off the air suddenly when the engineer spilled battery acid on the boss' carpet. That was when the boss threw all the station equipment

out. Ironically, a station in the same size market recently sold for five million dollars. Does the Bluefield newspaper today remember that executive for his foresight?

CROSLEY'S STATION WLW

Powell Crosley, Jr., was a dynamic man who made a fortune in Cincinnati building radio re-

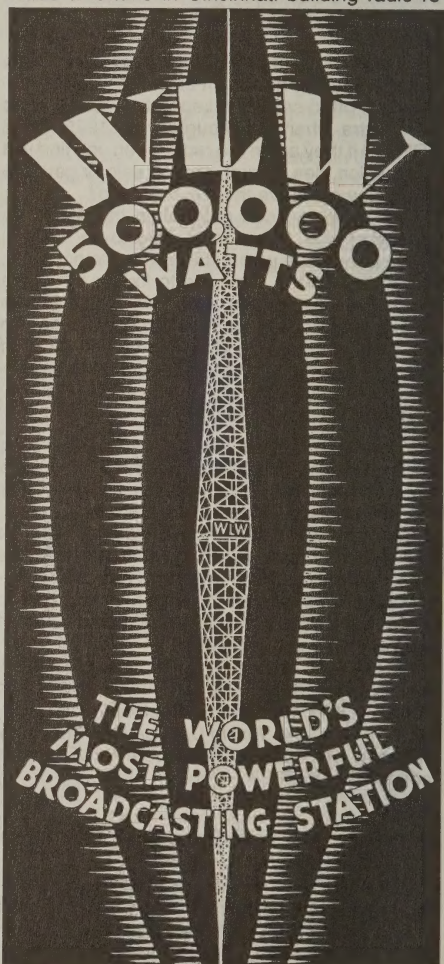


Figure 1. Copy of the color folder that Station WLW mailed to listeners in the 1930s.

ceivers, and then autos and refrigerators. He had what he called "The Nation's Station" on a clear channel with 50,000 watts. He also owned a second station in the same city, something which is no longer permitted.

Crosley went before the Federal Radio Commission with an idea of a very few super power stations serving wide areas of the country. Because he presented a convincing argument, the commission decided to see what ten times the power limit would actually do. As a result, Crosley received an experimental license to change WLW to 500,000 watts. It was an expensive project, and he was warned not to use the high power for economic advantage.

The station's modulation transformer stood as tall as the first floor, and cubicles of water-cooled power tubes occupied the walls of the transmitter room. The coaxial cable looked like a stovepipe. When the station went on the air, a neighbor's metal barn roof began arcing, and Crosley had to reroof the barn. The operator of nearby tourist cabins connected the cabins' lights between a short antenna and ground and reduced his electric bill. However, the tourists complained about the lights flickering with the music. WLW was lighting the area!

A few years later Crosley mailed out a color brochure touting his station as the world's most powerful; see Figure 1. The government felt that the station was taking a competitive advantage — a forbidden act — and told the licensee to go back to 50,000 watts like all the other high power stations in the country.

PROGRAMMING

In 1925, there were 465 Class A stations in this country, but program listings would hardly gather high ratings in today's competitive industry. There were oil market reports, stock market reports, educational hints, and cooking schools of the air. Many artists performed because they wanted to be heard on the air, although few stations paid performers. WIP in Philadelphia scheduled "Ocean Music" each weekday afternoon for an hour. A microphone beneath the pier at Atlantic City picked up the sounds of the waves for this very low budget program. That hour must have been nap time for many.

A lot of mistakes were made when stations

broadcast live in those days before tape or even wire recorders. Some listeners tuned in just to hear what *wasn't* supposed to be on the air.

Most stations were on the air irregularly or on an on-again/off-again schedule. Few actually broadcast throughout the day and night at that time. Commercials were frowned upon, but slowly it was discovered that a radio station could be an enterprise in itself with profits. Eventually, the motivation for broadcasting changed.

RECEIVING EQUIPMENT IN 1925

Receiver manufacturers and listeners increased by the thousands, and families spent \$150 for a radio at a time when \$15 a week was a good salary. Walnut cabinets with Bakelite panels graced many a table at home, but "A" batteries leaked and "B" batteries were expensive. Many buyers soon discovered that storage batteries ate carpets and ruined Type 199 vacuum tubes. Still, few homes could be without a radio.

In 1925, most receivers were of the regenerative type, and just one incorrectly operated regenerative set could block out everyone's reception in a small city. Some enterprising young people even put a "borrowed" telephone transmitter in series with the set's antenna, set the feedback control wide open and broadcast to the entire community.

Today, the thrill of owning one of those old sets brings back the excitement of the early years when father brought home a crystal set or a "squealer" regenerator with more dials than people had hands to turn. A single tuning dial with ganged condensers was a notable step ahead in radio's development. So were "battery eliminators" followed by completely AC sets. Now, with solid-state technology, the swing appears to be back to batteries again.

(Philip Whitney, Rt. 2, Box 231, Stephens City, VA 22655)

Philip Whitney has held a federal radio license for 56 years and is still actively employed in broadcasting. He collects antique receivers, horns, and early tubes, as well as early radio publications. He is the author of several books, including a history of broadcasting for the state of Virginia, and many national magazine articles, mostly on engineering topics.

Before Marconi...Naturally!

What many people don't know is that a wireless message was first actually sent across 17 miles, from Virginia to Maryland, in 1868, or eight years before Marconi was born. A Washington, D.C., dentist conceived an idea which he tried when hostilities ceased in the Civil War. Before that, Washingtonians were not very welcome in the Confederate state of Virginia.

In 1866, Mahlon Loomis flew a kite with 600-foot wires at Bluemont, Virginia, in the Blue Ridge Mountains. His accomplice flew another at Point of Rocks, Maryland, 17

miles away. Loomis sent a wireless coded message over that path using "natural electricity." Sometimes, as his notes document, there was too much electricity!

Loomis secured a patent and then formed the "Aerial Wireless Telegraph Corporation." The franchise was signed by President Grant, but Mrs. O'Leary's cow kicked over a lantern in Chicago where most of Loomis' backers lived. The resulting fire suddenly made them bankrupt. Eventually Loomis died, and wireless had to wait to be reinvented.

MEET AND AUCTION REPORT

Antique Wireless Association 1992 Conference & Auction Report

COMPILED FROM REPORTS BY RAY CHASE, LUDWELL SIBLEY,
LARRY BABCOCK AND JOHN TERREY

The Antique Wireless Association (AWA) held its thirty-first Annual Conference in Rochester, New York, September 23–26, 1992. Over 1,000 persons attended. The conference was held at the Thruway Marriott Hotel south of Rochester and featured over 225 active flea market spaces, 4 auctions, an old equipment contest, several seminars, and trips to the AWA Museum. Although rain dampened the unofficial Tuesday flea market opening day, beautiful weather graced Wednesday through Friday. A Saturday flea market rain-out brought additional attendees inside to hear the excellent seminars.

The AWA implemented a new flea market management scheme to ensure that space was available for all who had purchased flea market spaces in advance. In the past, individuals who paid for spaces sometimes were dismayed to find that there were none available. This year, spaces were preassigned, and although more spaces were set aside, many went unused. Some potential sellers stayed home because they had received a sold-out letter. The AWA assures A.R.C. that they have learned from this year's experience and that the procedure will be fine-tuned for next year.

This year, the conference theme was the General Electric Company. One half of the categories in the Old Equipment Contest was devoted to GE.

A.R.C. reports each year at length on this conference and its auctions for those of you who could not attend, as well as for those of you who were there but also want a record of the event. We include a listing of most of the auction items, plus photos from the Old Equipment Contest and the flea market. Additional information on conference activities appears in the November 1992 issue of the Antique Wireless Association's *The Old Timer's Bulletin*.

Auction sales for the four separate auctions — Vacuum Tubes, Literature, Radios/Miscellaneous Equipment and Communications Equipment —

A warning: Auction prices are not current values. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.

totalled about \$41,000. Even though there was a 30 percent decrease in the number of items offered for sale, the total was down by only 20 percent. (A large number of items from a single estate inflated the auction totals last year.)

There were no *original* spherical Audions (an item whose price has been approaching \$1,000) in this year's auction; however, a replica went for \$150. The highlights of the vacuum tube auction were a Weagant valve selling for \$400 and a display of about 100 Western Electric tubes which sold for \$625.

In the Radios/Miscellaneous Equipment Auction, a nearly mint Hallicrafters SX-62A sold for \$305. Early battery gear commanded premium prices with DeForest, Firth, and Cutting & Washington sets selling for \$650 to \$1200. A Mark III set by Johnson & Phillips sold for \$1900. Two Atwater Kent breadboards were offered — one very nice Model 10C sold for \$800; the other, a Model 10A with wiring partially restored, failed to reach its \$650 minimum. There also were more recent sets offered — an Emerson AU 190 butterscotch Catalin set sold for \$790 and a Sparton blue-mirrored (glass chipped) Bluebird sold for \$1400.

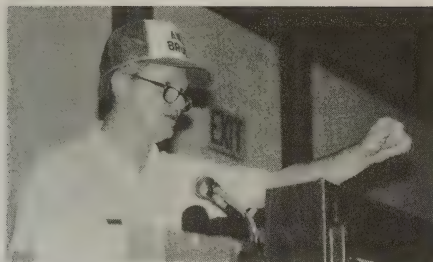
This report represents a *selection* of the auction items. Deleted are some items in poor condition, items with inadequate description, and some items with low selling prices. In each category, items have been placed in alphanumeric order. The report is our best attempt to combine all information available to A.R.C.; however, no guarantee can be made for accuracy. Many thanks to those providing information for this auction report. (Editor.)

Note: e=excellent, vg=very good, g=good, f=fair, p=poor

Vacuum Tubes.

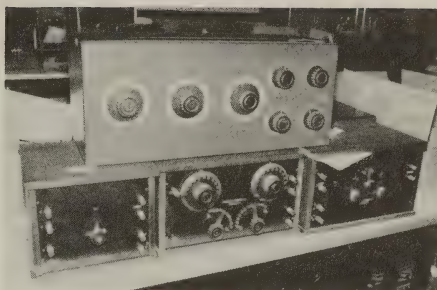
Note: BB=Brass Base, TT=Tipped Tube, N.I.B.=New In Box, N.O.S.=New Old Stock

199s, all duds, misc., (27)	\$36
201s, etc., all OK, (16)	61
201s, etc., some broken, (4)	26
Arcturus 24s good fil, (3)	22
Arcturus 27s good fil, (3)	36
Arcturus 127s, OK, (2)	16
Arcturus blue tubes, (11), all good	62
Ballast tube 876	7
Box odd tubes, (15±)	41
Box of 8 tubes, in orig. cartons	18
Box of misc. tubes, (25±) in cartons	14
Box of misc. tubes, CRT, lighthouse, trans., etc. ..	5
Box of old tubes	30



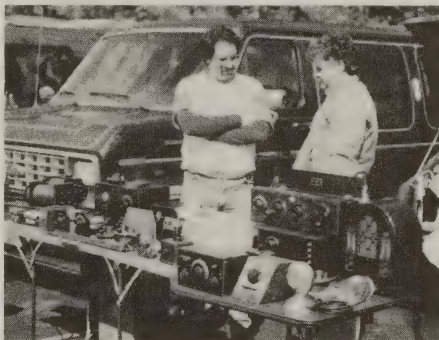
Auctioneer and AWA President Bruce Roloson.

Box of tubes, 201s, etc., good fil, (20)	110
Box of tubes, some old, (40)	42
Box of tubes, 199s etc., (12±), g.....	80
Box of tubes, 3B28 (6) & others, (14)	18
Box: Mullards, DeForest, etc., good fil, (8)	48
CF 185, fil OK	250
CG 38 161, open fil, very large trans. tube	27
Cooper Hewitt mercury arc rectifier, large	205
CRTs, 5", in box, (2)	13
Cunningham C11 in box	36
Cunningham C299s, good fils, (6)	30
Cunningham C300 in box, fil OK	11
Cunningham C301, (2)	10
Cunningham UV 301 BB TT in boxes, (2)	36
DeForest Audions, DVs, etc., (5), 3 good	37
DeForest DL-5, OK	18
DeForest DV series, display only, (3)	20
DeForest DV-5, fil OK	27
DeForest DV-2 in can, fil OK	51
DeForest DV-2 N.O.S. in can, g	36
DeForest DV-3, fil open	9
DeForest DV-5 in metal can, g	30
DeForest DVs (3) & Raytheon (1)	29
DeForest VT21, open fil	55
Eimac 100TH transmitter tubes, (2)	21
Eimac tubes, (5)	14
Electric Enterprise EI, fil OK	1
European tubes AC and DC, fils OK, all dif., (5)	22
FP2, open fil, very large trans. tube	25
Geisler tube	160
German tubes, RV2P800, metal case, fil OK, (2)	14
Hitachi (type) magnatron, new	70
Light bulb display, 8 lamps, decorator type	4
Marconi Osram NT 90 w/socket, cracked, fil OK	210
Marconi Osram NT54 transmitter tube, large	240
Marvin 401 in box	16
Mercury rectifier, unknown	23
Moorhead (2), VT-1 OK, VT-2 open, & others (7)	95
Moorhead solenoid, fil OK	220
Moorhead VT, open fil	25
Myers audion (open), tubular audion (open)	50
Myers audion, OK, tubular audion, fil open	75
Myers, VTs, etc., duds, (6)	27
Ohmite 72 ohm dummy load	8
Phillips A21 miniwatt	9
Phillips E443 miniwatt, fil OK	4
Phillips A409 miniwatt, fil OK	7
Phillips E415 miniwatt, fil OK	8
Phillips A425 milliwatt, fil OK	8
QRS tubes, (5), 2 in box, fil OK	100
Raytheon TV scanning tube	100
RCA display boxes (tube cartons), (6)	4
RCA neon tube, advertising item	240
RCA original metal tubes, mounted, (9)	37



These auction items are the Cutting & Washington Type 11A and the 3-piece Tribune Airphone receiver.

RCA-Cunningham Type 50s, (2), globe, g	46
RK 20 loose base, else OK	9
SN4 glow tube (strobe?)	5
Speed triple twin 295, good fil	54
Spherical audion repro, g	150
Spherical audion repro, plate broken off	30
Transmitting tubes, (3)	16
Transmitting tubes, (4)	7
Transmitting tubes, mounted, large, (6)	55
Tubes & bulb, display only, (6)	19
Tubes, (10-12±) in cartons	26
Tubes, 3 boxes, late models	20
Tubes, 200s, 201s, etc., (20±)	59
Tubes, BB, (4)	20
Tubes, misc. receiving, (12)	10
Tubes, octal & loctal tubes, (100), all good	30
Tubes, UV201 BB & others, (10-12±)	115
Tubes: Kellogg, Myers, Davis, etc., open fils, (9)	50
Tubes: Moorhead VTs, Sodian S-13, etc. good fils, (6)	160

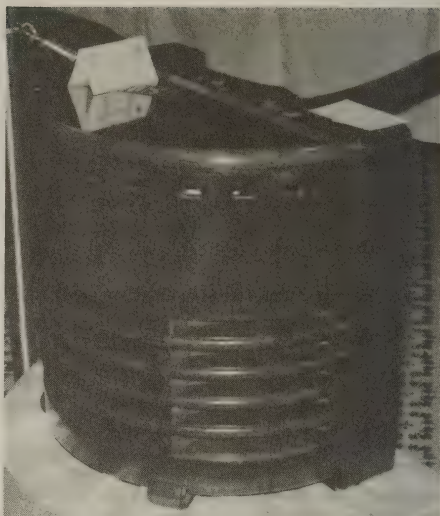


Jerry Finimore (left) and his table of goodies.

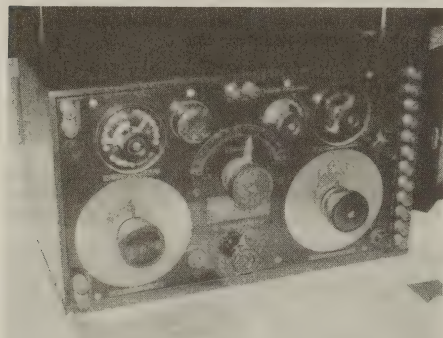
Tubes: Sodian S-13 in box & Welsh 501	200
Tungar bulb in box, 30 amp	6
Tuning eye tubes, (6)	35
TV-1 in orig. pack, (4)	40
Type 24A in boxes, (4)	6
Type 26s, (3)	8
Type 27s, (6)	9
Type 810 w/socket, good fil	13
UHF tubes, (5)	5
UV-199, BB, TT, open fil, (4)	22
UV-201A, BB, OK	16

(Continued on following page)

UV-203A in box.....	24
UV-200, BB, TT, (3), UV-201, BB (1) some broken?	26
UX-199 (2) & UV 199 (1), g	26
UX-199, open (12), 120 open (6)	27
Voltron Type A, fil OK	20
VT 46A N.O.S. in box, (2)	5
VT-1 (2) TT and gold buttons, condition ?	60
VT-90, (3)	20
VT42A, (2) in box, N.O.S.	5
WD-11, WD-12 and others, good fils, (8)	140
WD-11, WD-12, Sodian & others, open fils, (9±)	52
WD-12 BB, TT, open fil, (3)	30
WD-12 BB, TT in box, N.O.S.	30
WE 211E, good fil	26
Weagant valve, g	400
Welsh peanut w/box & wrapping	240
Western Electric 102D, good fil	30
Western Electric 102F, fil OK	10
Western Electric 211E, open fil	3
Western Electric 239A, WX 12, 101D, 201A,(2), WX 120, etc., (12±)	50
Western Electric 251A large trans, open fil	20
Western Electric 276A, good fil	4
Western Electric 279A, large trans. tube, fil OK	40
Western Electric 300B, (3)	310
Western Electric box of tubes	28



A mirror-topped Stromberg-Carlson chairside in the Old Equipment Contest.



This Old Equipment Contest entry, a Marconi Model C294 C shortwave receiver operates either with a crystal or Audion detector.

Western Electric photocell 1A	32
Western Electric tubes, 4 display racks plus 2 boxes, most good, (97)	625
Westinghouse W 857B, large, crack in glass	29
X-ray tube, rotating anode, large	35

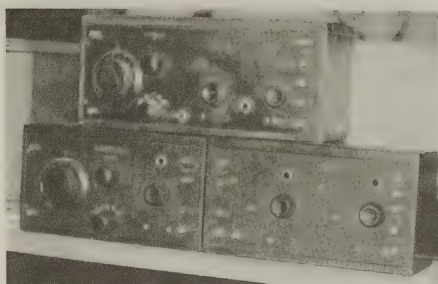
Literature.

4000 Years of Television, 1940s book	\$17
A.R.C. Issues, (58), early	25
ABCs of Vacuum Tubes, p	2
Admiralty Handbook of Wireless, 1931, p	20
ARC-5 trans. manual, repro	21
Big Business in Radio, first edition	30
Books, about (12)	100
Box of books	55
Box of books, (25), vg	110
Box of books, books and catalogs, (30+), vg	130
Box of Radio magazines, (54), g	45

CeCo catalog, 1937	21
Charlie McCarthy cardboard puppet	29
Conqueror of Space, de Forest	30
Day-Fan service manual	23
Dealer guides, packet	10
DeForest catalog K	90
Elec. Maintenance & Repair, 5 volumes	10
Electric Experimenter, 1914, 4 issues	45
Electric motor repair manual	11
Emile Berdiner, 1926 biography	50
Ghirardi's Radio Troubleshooting Handbook	5
History of Bell Labs	21
History of WFBM, first edition	20
IRE Proceedings, 1928-31, (4), p	4
Jenkins, Vision by Radio, 1st ed.	105
Leutz, Modern Radio Reception, 1928	25
Manhattan Wireless, 1920 catalog	65
Map, radio ref. & Canadian license	10
Marcus Radio Projects 1	3
Books (5): Massie, Pope (1875), Fleming (1908), Lodge (1913)	160
Morse essays, 1835, small book, p	20
Myer & Woestrel Principles of Radio book	3
OTBs, 43 issues, '60, '61 and up	40
OTBs, 1960-68, (4)	8
OTBs, 1964-80, in envelopes, (60+)	51
OTBs, 1968-72, (4)	8
OTBs, 1974-79, (4)	7
Popular Science, about (12)	7
Principles of Electricity Applied to Telephone & Telegraph Work, 1938	11
QSTs, 1924-25, (23)	32
QSTs, 1926-27, (12±)	26
QSTs, 1921-23, (21)	38
Radio Amateur Handbook 1935	18
Radio Amateur Handbooks, 1963 and 1978	16
Radio game, single sheet only	30
Radio Movie Radio Vision, Jenkins, g	120
Radio News mags., (10-12)	24
Radio News telegram, 1915, Marconigram	14
Radio News, bound volumes, 1930s-40s, (11)	130



Catalin sets in the flea market.



These Crosley sets are the 3-tube Model 52 receiver, the 1-tube Type V receiver and the 2-tube Type IV audio amplifier.

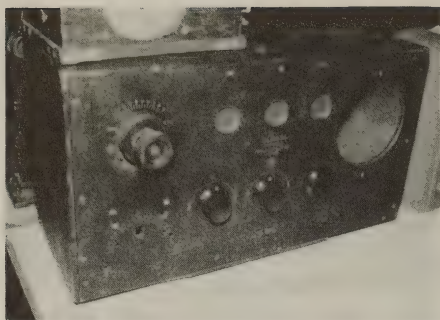
Radio Simplified, 1927	14
Radio Stories, radio stars by National Tube	13
Rider's Vol. I	30
Rider's Index Vols. 11, 12, 13	2
Rider's Index Vols. 11, 12, 13	3
Rider's Index Vol. 14	2
Rider's Index Vols. 11, 12, 13	6
Uncle Dave's Radio Shack price list	6
Zenith service manuals, Vols. 1 & 2	35
Zenith service manuals, Vols. 1 & 2 combined	25

Radio/Miscellaneous Equipment.

Accurate resistance-coupled amp. w/tubes, (3) \$75	
Acradyne 3-dialer, broken panel	40
AGA crystal set, Sweden, 1926	310
American Instrument Co. mercury relay	20
Ampliflex 6, no tubes, single dialer, battery	45
Annunciator panel, 10 stations	120
AN/CRT-3 Gibson Girl emergency radio, complete with kite	100
Apollo medical quack set	35
Arvin ad sign, cardboard	34
Atwater Kent 10C breadboard w/tags & tubes	800
Atwater Kent 40 metal	41
Atwater Kent 33, no tubes, g	65
Atwater Kent 80 cathedral, vg	350
Baldwin horn speaker, small	220
BC-312M military receiver, original, f	45
BC-611 AM WWII walkie-talkie, g	110
Beaver Baby Grand crystal set, orig. box	230
Bendix 115 marbled plastic, maroon front, no back	120
Blaupunkt 1948 portable radio	30
Bogen amplifier	29
Bristol Audiophone Jr. horn speaker	160
Burns 205B horn speaker, vg	220
Bush TR130 transistor set, British, g	25
Canadian Marconi, 21160, portable trouble finder, 1930, vg	120
CB direction finder loop, missing parts	5
Central Scientific spark coil, large	550
Clapp-Eastham Radak, R4, no tubes, paper label	300
Crosley 5-38 w/tubes, g	80
Crosley 5N3 small tombstone, g	45
Crosley 52, w/tubes, g	110
Crosley 52SD, painted, no tube, g	115
Crosley C519A, small plastic	25
Crosley Pup w/UX 212 and phones	350
Crosley Trirdyn, Canadian, g	100
Crosley Trirdyn, g	95

Crosley Trirdyn, no tubes, g	90
Crosley V and matching IV amp., w/tubes, g	360
Crosley V w/BB 201-A, g	140
Crystal set, Austrian, unidentified	90
Crystal set, no name, not home brew, vg	210
Crystal set, unidentified	70
Cutting & Washington 11A, w/orig. manual	900
DeForest DT-800 amplifier, w/2 tubes	1,100
DeForest Everyman crystal set, panel only	150
DeForest DT-700 Radiohome, 1-tube, w/label	1,200
Delco 3205 tombstone, 32-volt farm set	36
Detrola tombstone, g	45
Deutsche Telefonwerk (DTW) foldable loop	90
Devonshire 55, 3-dialer, fancy panel, g	60
Edison motor & 1-tube amp. chassis	19
Electrobug key	110
Emerson 520, Deco, no back	95
Emerson AU 190 butterscotch Catalin	790
Emerson, cab. by Ingraham, table model	26
Eveready radio sign, cardboard	32
F.J. O'Neil Onondaga Five, 3-dialer, w/tubes, vg	80
Fada 5-tube, 3-dialer, w/tubes, vg	130
Farnsworth banner, 1940	45
Federal B20, large box	30
Federal Jr. crystal set	290
Firestone S-7425-6, Deco	55
Firestone small wood table	26
Firth 235A Vocophone, some parts loose or missing, f	650
Freed-Eisemann FE-28	70
Freed-Eisemann NR80, pot metal problems, p 9	
Freshman Masterpiece, no tubes, built-in horn missing	45
Frost Minton 4-tube, metal case, g	41
GE 860T 7" TV, 1948, w/book, g	65
GE E61 cathedral, hums, g	85
GE metal shelving	26
GE semi-cathedral, 4 knobs, g	45
General Radio tuning capacitor	7
H.H. Scott 99D303 hi-fi amp, no case	25
Hacher Sovereign bat. transistor radio, British	40
Hallcrafters 5R31 Continental table radio	30
Hallcrafters S120, f	25
Hallcrafters Sky Buddy	50
Hallcrafters TW 1000A, knob missing, f	41
Home brew 1-tube SW regenerative receiver	40
Home brew 9-tube, many dials, oak case, vg	340
Home brew crystal set	85
Home brew crystal set, f	13

(Continued on following page)



This rare Firth Vocaphone Type 235-A needing considerable restoration sold for \$650.



This DeForest DT-700 Radiophone sold for \$1,200.

(AWA Meet/Auction continued)

Home brew crystal set, small	50
Home brew crystal set, old, very well done ..	100
Home brew crystal sets, wood case	50 & 55
Home brew crystal sets, wood case, g...40 & 80	
Home brew wood case, 1 tube	45
Home brew, no tubes, p	20
Johnson & Phillips Mark III tuner, WWI crystal	
set, reproduction case, vg	1,900
Kellogg RFL500, chassis only, w/Kellogg 401 tubes	90
Kent crystal set, N.I.B., modern	43
Kingston 2-tube battery set, w/tubes	40
Lansdowne Majestic whiskey-bottle radio, tube set	130
Lightrite "Flivver" crystal set, small	95
Lincoln loop antenna, vg	80
Loewe Opta transistor radio, German 1958....	40
Luxor Gallery table radio, Sweden, battery set	70
Magnavox battery radio in drawer w/tubes	80
Majestic 20 cathedral, g	85
Majestic battery eliminator	12 & 12
Majestic horn speaker, g	110
Marconi #2 wavemeter, less coils	760
Michigan MRC 10 midget, w/tube, g	110
Mikes, RCA, Turner, Astatic, box of 5, g	130
Mirror galvanometer	55
Mirror galvanometer, ballistic	50
Murdock & Clapp-Eastham parts loose coupler	
crystal set, vg	270
Murdock loose coupler	240
National AGS coils, (10)	95
National 5A Airphone, 3-dialer	55
National Monodyne Airphone w/blue tube, coil	
needs wire	110
National Monodyne Airphone, w/tube	160
Operadio speaker	60
Perdio transistor set, British, 1964, g	16
Philco 42-PT87 portable	10
Philco 49-506 table set, wood, Deco	27
Philco 84 cathedral, f	60
Philco 1201 Bing Crosby radio/phono., clean ..	45
Philco ext. speaker, small	8
Philco 37-620 semi-cathedral, 6 tubes, f	55
Philco, rechargeable batt. set, 12 wet cells	12
Philmore Blackbird crystal set	110
Pilot FM Pilotuner	20
Pilot TV 3", w/service data	230
PRC-6/RTE-196 FM walkie-talkie, vg	60
Radio Fone crystal set, small wood	170
Radio Guild, 2-tube, g	180
Radio/Electrical test set, unique wood case ..	250

Radiola 17, no hood, p	30
Radiola 26, no handle, vg	475
Radiola 28 w/tubes & loop	90
Radiola 60, f	70
Radiola 60, g	55
Radiola RS w/2 tubes	450
Radiola V	300
Radio-Matic Coin-op radio, no keys	8
RCA 8X54 brown plastic	13
RCA 100 speaker, g	41
RCA balanced amp. shipping box only, p	35
RCA Globe Trotter portable	21
RCA oscillator, tester	18
RCA R7N tombstone, working, f	60
RCA radio sign, illum., 8" x 14", g	310
Robinson & Son spark coil, ca. 1890, Ireland, g ..	290
Scope, 1", small, clean	26
Scott 23-tube Imperial w/speakers, chassis	
only, no PS	230
Scott chassis only, 1931, 2-dial, some rust	65
Scott Phantom Deluxe FM, open voice coil,	
chassis only	240
Shure 520SL desk mike	9
Signal Corp. key, J5A	27
Silvertone 8210 table set, works	25
Silvertone 1570 cathedral, 5 knobs, g	95
Silvertone 100359 tombstone, f	26
Sparton 10 semi-cathedral, g	50
Sparton 400 cabinet, refinished, vg	110
Sparton AC63	65
Sparton Bluebird mirror glass radio, chip in	
glass, line cord resistor open	1,400
Spencer pocket radio crystal set	110
Standard Micronic Ruby transistor, tiny	51
Standardyne 3-dialer, no tubes, vg	25
Star Radio crystal set, crystal missing	230
Steinite crystal set, g	160
Stewart-Warner dancing girl drum speaker ..	130
Stromberg-Carlson battery eliminator	26
Svanström telegraph key and register, Sweden,	
1900, educational item, wood	210
Thermodyne TF6, no tubes, drop-down front, vg ...	40
Tribune Airphone receiver, 3 boxes, vg	330
Tuska Superdyne 300, 1 audio missing, rest g	170



This Hammarlund SP-200 Super-Pro, in very good condition, sold for \$160 in the Communications Equipment Auction.

TV magnifier lens	16
TV magnifier, blue tint	30
Universal ring mike, double carbon, w/springs	110
Victor Model VV-IV phonograph, no horn	150
Victoreen 10-tube, one coil wrong, fabulous	500
Western Electric 7A, with (3) 216 tubes, g	220
Western Electric 20A aircraft receiver	330
Western Electric 25B amplifier, w/paper	180
Western Electric floor ring double button mike w/stand, ornate	310
Western Electric WE 17C lineman's test set	21
Western Electric 4A mike, hotel bell, no rear cover	50
Western Electric 3A tandem tel. relay, incomplete	100
Western Electric 3B sounder	11
Westinghouse Aeriola Sr., no tube, f	130
Westinghouse Aeriola Sr., w/label, dud WD-11, f	150
Westinghouse Catalin clock	30
Wireless Specialty Clark Tone Tester	180
Zenith 6-S-321 table, vg	110
Zenith 6G-001Y, portable, fabric	15
Zenith 7G-605, first Trans-Oceanic, f	60
Zenith 8G-005 Trans-Oceanic, g	40
Zenith metal sign, 1' x 3'	45
Zenith old small wood case set, 2 knobs	33
Zenith radio & TV lighted sign, 1' x 2'	180
Zenith Royal 2000, battery clip missing	23
Zenith Trans-Oceanic, no handle	30

Communications Equipment.

Note: PS=power supply

ARC-5 BC-696 xmtr. (2) and BC-454B receiver, modified, w/PS	\$50
ARC-5 BC-455B unmodified	11
ARC-5 T-19 xmtr. w/copy of manual, vg	19
ARC-5 T-21 xmtr., w/copy of manual, vg	25
Echophone receiver Model EC1, g	31
Eldico SSB-100 trans, w/manual, vg	110
Elmac A54 mobile xmtr.	22
Hallicrafters Continental 5R31, plastic table w/ SW, vg	42
Hallicrafters S-120, vg	32
Hallicrafters S-19R painted gold, p	9
Hallicrafters S-20R, g	39
Hallicrafters S-38, g	38
Hallicrafters S-38E, vg	26
Hallicrafters S-40A, f to g	42
Hallicrafters S-40B, w/book, f	28
Hallicrafters Sky Buddy 5-T, restored, dial incomplete	90



This unique and Best-In-Show Old Equipment Contest entry is a photo display and an audio taped interview in 1945 with television personality Marilyn Wilson. In addition to performing in dramas, Wilson presented the weather in a 1-minute skit.

Hallicrafters SX-100, g	85
Hallicrafters SX-24, vg	45
Hallicrafters SX-62A, vg	305
Hammarlund HQ-129, g	80
Hammarlund SP-200 w/PS & speaker, g	160
Hammarlund speaker, 8", g	26
Hammarlund speaker for PRO-310, vg	27
Hammarlund VC 779A, made by Howard, p	45
Heathkit AR-3 w/Q multiplier, vg	28
Heathkit DX-100 xmtr. single side band, g	25
Heathkit HR16AT receiver w/manual, vg	53
Heathkit monitor scope	41
Heathkit Q multiplier	8
Lafayette 6-10-11 meter converter, f	11
Lettine 240 xmtr., w/coils & manual, vg	65
LM 18 freq. meter & PS g, military WWII	12
National HRO w/7sets coils, no PS, w/manual	145
National NC-101XA, meter added, g	215
National NC-183D rack mount receiver, g	90
National NC-300 receiver, g	70
National SW-3 80 to 40 coils, no PS, vg	250
RAL 5 receiver, no meters, military, large	21
RCA ACR-155 receiver, vg	110
RME preselector	10
Stancor 20P xmtr. w/manual	130
Stancor transceiver 112 MHz, p	11
World Radio Labs. Globe Scout xmtr., g	20
World Radio Labs. VFO for Globe Scout, g	15

Information on joining the Antique Wireless Association (AWA) may be obtained from Joyce Peckham, Box E, Breesport, NY 14816. Annual dues are \$12, and a quarterly newsletter, "The Old Timer's Bulletin," is published. Regional meets are held in addition to the annual conference.

Photos by John Terrey.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Ludwell Sibley, 44 E. Main St., Flemington, NJ 08822; Larry Babcock, 8095 Centre Ln., E. Amherst, NY 14051; John Terrey, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741)



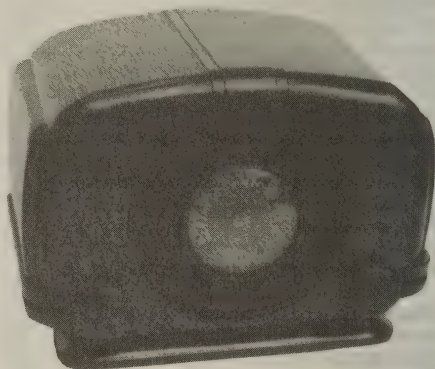
PHOTO REVIEW



This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



EMERSON MODEL FU-428 - Made in 1942, this AC-DC battery portable uses a Type 117P7 dual purpose tube — one half for rectification on AC power, and the other half for the output on AC-DC power. On battery power it uses a 3Q5 output tube. (*Doug Burskey - Mansfield, OH*)



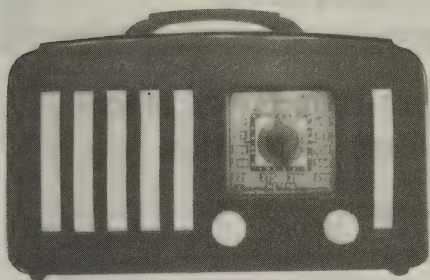
CORONADO MODEL C5D14 - This miniature Bakelite radio (8" wide x 5 1/2" high) was manufactured about 1941 or 1942 by the Gamble Skogmo Company. The schematic for this 5-tube AC-DC set is in *Riders*, Volume 13-3, 4. (*John Schehrer - Joplin, MO*)



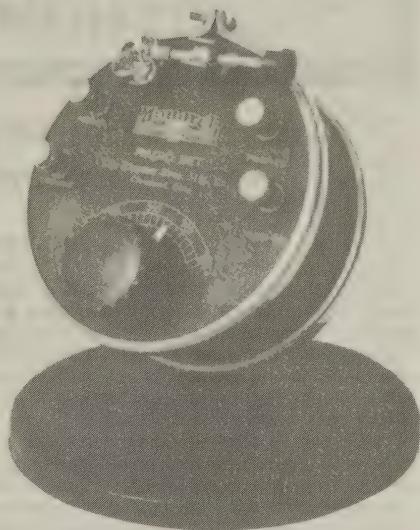
1920s DISPLAY UNIT - This glass enclosed unit may have been used for promotional purposes. It is a TRF set which uses Microvern condensers and Peerless audio transformers. Another one is reported to be on display in a Fairport, N.Y. museum. (*Bob Ferrara - East Boston, MA*)



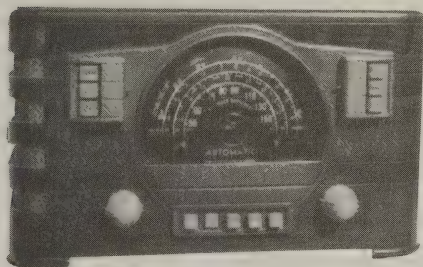
PHOTO REVIEW



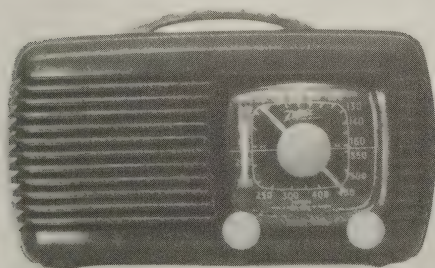
EMERSON MODEL EP-375 - The Catalin cabinet on this 1941 radio was manufactured by Monsanto. Originally a marbleized deep blue, through the years it has taken on a decidedly greenish hue. The bars and knobs, made of different material, appear not to have changed at all. (*Ann and Bill Kilmurray - Hackettstown, NJ*)



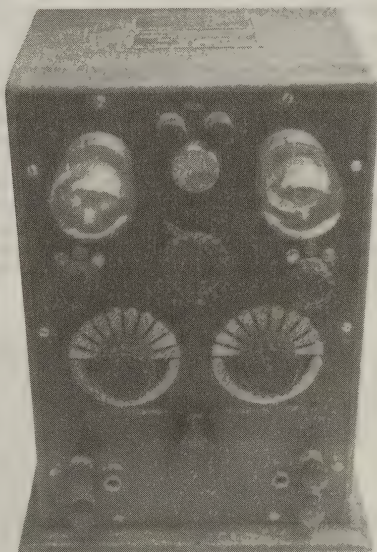
MONARCH CRYSTAL SET - This novelty set was made by the Rippner Bros. Manufacturing Company of Cleveland, Ohio. It has an open detector with 3 different crystals. (*Erwin Macho - Vienna, Austria*)



ZENITH MODEL 7-S-529 - Made in 1941, this table set has most of the popular Zenith features of the day. The dial takes up most of the front of the set. The speaker is on the left side of the cabinet. (*Doug Burskey - Mansfield, OH*)



ZENITH MODEL 6-D-510 - This brown Bakelite set was my first old radio, circa 1940. It uses the Zenith box-loop antenna with RF amplification via a 12J7-type tube. (*Colin Stump - Lancaster, OH*)



De FOREST MODEL P-300 - This 1919 Audion-Ultra Audion and one-step amplifier, shown with Moorhead VT type tubes, was used with the T-200 tuner. (*Will Jensby - Santa Clara, CA*)



Constructing Wireless-Era Receivers from Authentic Components

BY ARTHUR HARRISON

Unlike colleagues who began collecting early, the newcomer may despair of ever owning and operating his own wireless-era receiver. (The term "wireless-era" here is used to denote that period prior to and during World War I.) Commercially-built wireless gear now rarely enters the market; when it does, competition for it is keen.

Yet, authentic wireless components can still be collected because several manufacturers sold parts in large quantities to experimenters and universities. With patience, by watching the ads

"By studying the literature, observing illustrations such as those in McMahon's *Vintage Radio* and in old catalogs and periodicals, you can acquire information for positioning components the professional way."

and attending auctions, the newcomer today can collect components one-by-one until that happy time when he has all the necessary parts for assembly.

I constructed the receivers shown in Figures 1 and 3 from mostly Murdock and Clapp-Eastham components, after a wait of over a decade to accumulate the suitable period components. In the case of the Murdock, I failed to find the right

detector. Some compromise may have to be made if you want to enjoy your set in your lifetime.

Although commercial gear did sometimes comprise a mix of brands in components, the components were, of course, of the same time period. Thus, the amateur historian will not construct a receiver with a 1915 loose coupler inappropriately placed next to a 1930 crystal detector. Instead, he will use a crystal or other detector of the same period.

By studying the literature, observing illustrations such as those in McMahon's *Vintage Radio* and in old catalogs and periodicals, you can acquire information for positioning components the professional way. Visiting private and radio association museums to inspect their collections will also help.

A treasure-trove of components, however, will not be well displayed by sloppy or inappropriate assembly. Again patience will be rewarded. A construction of even the best components doesn't look convincing if mounted on a contemporary base of an inappropriate species of wood.

This article will describe my reproduction of three different wireless era receivers — the Murdock, the Clapp-Eastham, and a Bunnell. The Bunnell is a 3-slide tuner set constructed of different manufacturers' products, but of the same time period as the Murdock and Clapp-Eastham sets. However, before detailing the assembly of the components for each set, I should discuss an appropriate mounting base, or "breadboard," which applies to all three sets.

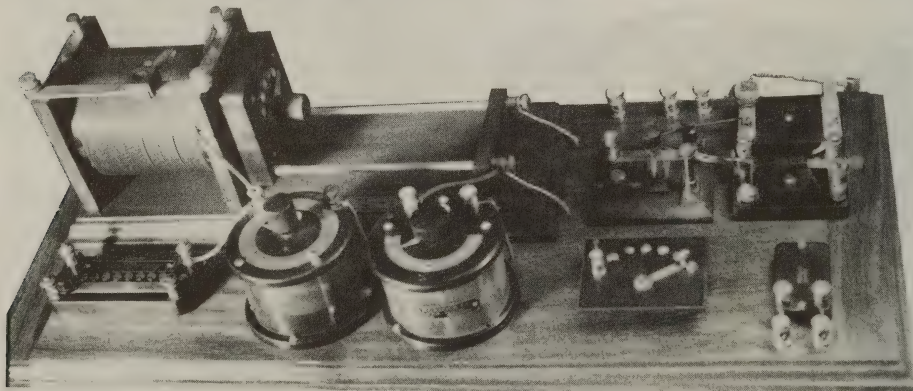


Figure 1. The Murdock loose coupler set.

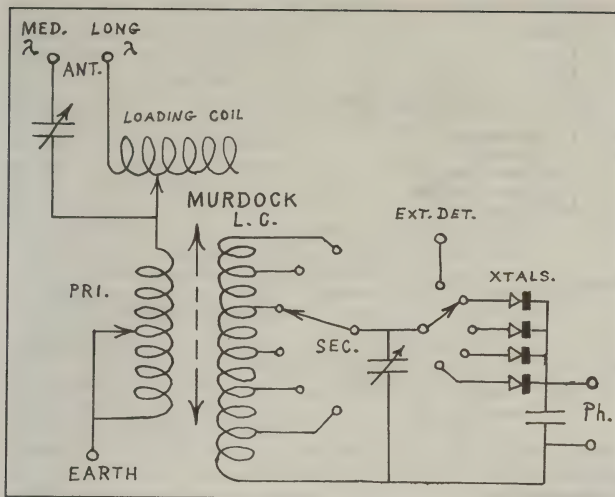


Figure 2. Schematic diagram of the Murdock receiver.

SELECTING AND PREPARING BREADBOARD STOCK

Much old gear was constructed breadboard style on cherry, walnut, or mahogany — very rarely oak (usually darkened as seen on Grebe cabinets). Suitable wood, $\frac{3}{4}$ -inch thick, can be acquired by cannibalizing antique furniture as cabinetmakers of the old school still do. Or you can purchase suitable wood from an exotic lumber outlet. If the lumber dealer will not cut the plank, you may have to buy more than you want or join with another person to share what you buy.

The wood you need is very expensive, but hopefully you will need very little. Do not skimp on the quality of breadboard if you want the ensemble to look good. Consider the plank as one of the components and figure cost accordingly. The plank ($\frac{3}{4}$ " thick x 12" x 27") used in my Murdock set, shown in Figure 1, set me back \$50, including the cost of the wood and the professional cutting, routing, and adding each end

mortise; however, I did the sanding and finishing myself. If you are a woodworker or have a friend who is, of course you are ahead that amount!

The breadboard should be supported on four rubber (or plastic that is indistinguishable from rubber) tacks available at hardware stores. The rubber heads are approximately $\frac{1}{2}$ inch in diameter. The expensive cherry or equivalent wood you use can be so hard that these tacks cannot be nailed in without first providing a drilled hole as guide, slightly less in diameter than the tack-nail. (You wish also to avoid splitting the wood.)

But in the name of all that is holy, do not use white tacks! — or other inappropriate supports. Ideally, genuine rubber pads from old gear should be used, but I have never found sound

ones. Warning: Do not tack these on until after the $\frac{1}{8}$ to $\frac{1}{4}$ deep grooves to recess the underside wiring have been made.

The underside grooves should be cut with caution *after* the components have been positioned exactly *and removed to avoid damage to them*. These grooves can be scored with a router (with the appropriate bit) or with a rotary saw blade. This nicety provides a professional look underside, but is not absolutely necessary, if the plank is raised on the four rubber tacks. But keep in mind: the commercially-built equipment usually had its wiring underside recessed in straight grooves.

Needless to say, antique components are not wired with brightly-colored, plastic-insulated wire, ca. 1950! If you do not know what kind of wire to use and have no museum models to inspect, look at the wire in unaltered oak wall-telephones or other electrical instruments, ca. 1900-1920. This kind of wire (or wire which closely resembles

(Continued on following page)

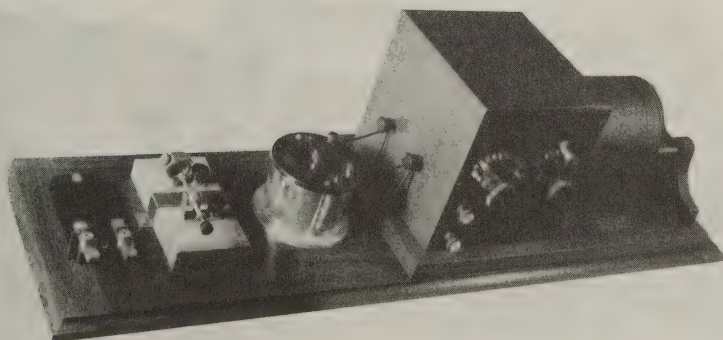


Figure 3. The Clapp-Eastham loose coupler set.

(Wireless-Era Receivers, continued)
it) is acquired in the old-timer's parts box, and scraps of such can be picked up also at auctions and through advertisements. You need very little.

Fastening the components to the plank also has its hazards. The wood I used was terribly hard — I had to use drill bits meant for cutting steel! Thus, after the holes were drilled, I prepared threads (screwing the relevant screw in and out repeatedly) in the wood *before* affixing the components.

Moreover, the hard rubber of the variable condenser case is brittle; you should use a soft fiber washer under the machine screw head and take care not to tighten the screw excessively. Too loose is better than too tight, especially considering the stress the latter condition may cause. Screws with a patina of age look much nicer than new ones. Be sure to take the trouble to find matched sets. Also, it is prudent to use steel screws; with some hard woods, brass screw shafts snap.

The most critical step in construction is the correct placement of parts and holes topside, and of grooves for wiring underside (mentioned earlier). How often one forgets that everything appears reversed in position on the underside! Here it is prudent to be simple-minded and draw pictures of above and below configurations. All measurements should be carefully made — holes marked with pencil (lightly so they may be erased); grooves underside outlined with pencil and studied carefully before any cut in the wood is made. Check everything several times!

It is possible, without taking adequate care, to end up with at least one superfluous hole. Among the beautiful components, this single hole can be *amazingly ugly*, providing the first hint to the

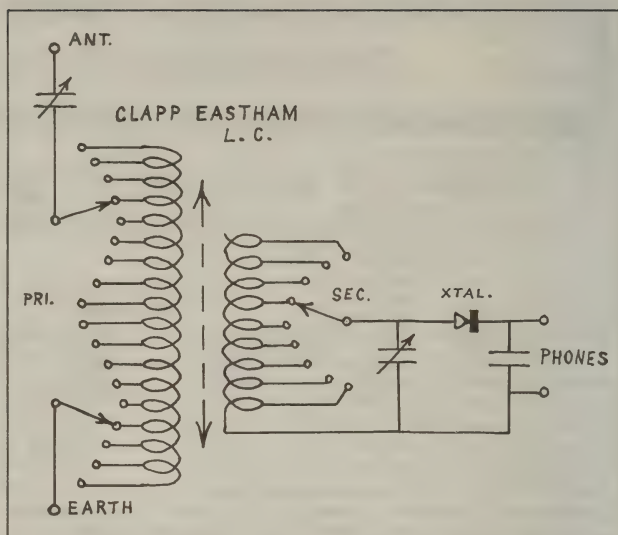


Figure 4. Schematic diagram of the Clapp-Eastham receiver.

knowledgeable visitor that your assembly is a home brew, not professional quality! That one superfluous hole can drive even the most strong-willed, macho collector bonkers. The only thing you can do is fake it — fasten a screw through it and pretend that screw does something significant. But if your visitor strokes his chin knowingly and mumbles "Uh-huh" — well, your wife already knows the telephone number of those tough-looking guys wearing white coats, carrying the straight-jacket. Anyway — good luck!

THE MURDOCK SET

The Murdock set is shown in Figure 1 and its schematic is shown in Figure 2.

Since the slide-tuned primary winding of the Murdock loose coupler tunes only shortwaves (1915 terminology), the Murdock loading coil located in front of it can be inserted in series with

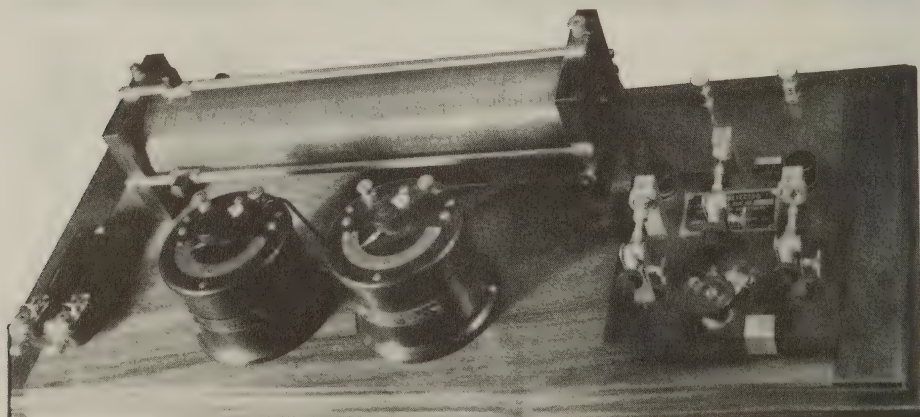


Figure 5. The Bunnell 3-slide tuner set.

the antenna to receive long waves. In parallel with the loose coupler secondary is a conventional Murdock variable condenser, located in the lower right hand corner. To the left of this condenser is a rare, incremental-type Murdock variable condenser. In series with the input, this condenser is used to fine-tune the antenna.

The Murdock has three different crystal detectors which can be chosen by the tap switch. One tap selects a modern germanium diode for tests and comparison. This handsome brass detector is located to the rear of the tap switch. This detector is certainly commercial, although it bears no inscription. As a cat's whisker, it uses a fine metal brush, which looks like a miniature shaving brush.

The diode can easily be disconnected if it offends. It is fun to use — to check the antique solid-state detectors. By careful selection amongst iron pyrite and galena specimens, you can find crystals every bit as good as a modern germanium diode in performance! This surprised me — and has pleased me.

Another tap selects the commercial Jove detector located behind the Murdock bypass condenser at the extreme lower right. A third tap selects a home brew detector built on a defunct Jove base, seen in the upper right-hand corner of the set.

The single binding post on the tap switch is used to connect to an external detector — for example, an audiotron tube.

Performance: With coupling suitably loose and all circuits tuned optimally, I can resolve two 1-kilowatt local stations 5 miles distant, broadcasting at 1400 kHz and 1580 kHz respectively. (Few 1920s crystal sets show this degree of selectivity. The Aerola Jr. and some other RCA products can, but they are exceptional.) Naturally, reception is with a wireless-era Murdock headset.

THE CLAPP-EASTHAM SET

The Navy-type loose coupler used in my reproduction shown in Figure 3 must have been used experimentally on tabletops, since it had no screw holes anywhere in its base when I purchased it. The schematic for the Clapp-Eastham set is seen in Figure 4. The brass plaque lists 1898 and 1904 patents and acknowledges Marconi patents. The glass-enclosed Blitzen (Clapp-Eastham) variable condenser is connected conventionally across the secondary of the inductance.

The blue marble base of the detector unit has been clamped (with felt padding) to the breadboard because it too lacked holes. It is inscribed "Clapp-Eastham" on the crystal holder in which has been inserted a large crystal of iron pyrite. The headphone bypass condenser is of Murdock manufacture, as I have been unable to unearth any made by Clapp-Eastham. The wiring could be shorter if retained topside, but it would be out of keeping

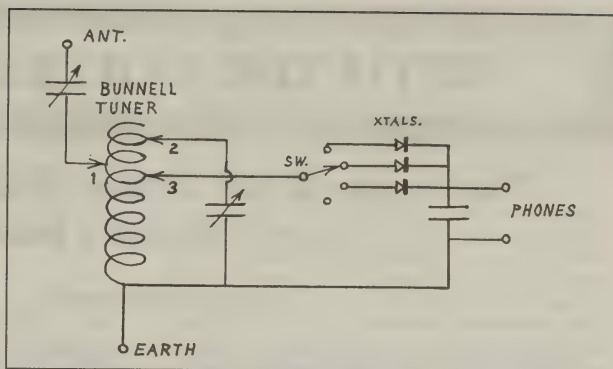


Figure 6. Schematic diagram of the Bunnell 3-slide tuner set.

with the construction of the period and would yield a less attractive construction.

Performance: The iron pyrite used for rectification equals contemporary germanium as semiconductor — as far as reception measured by ear can tell. The loose coupler does not tune much above 1400 kHz so I cannot compare selectivity between this and the Murdock receiver.

THE BUNNELL 3-SLIDE TUNER SET

The Bunnell 3-slide tuner set, shown in Figure 5, is a mix of different manufacturers' products, but they are of the same time period. See Figure 6 for a schematic. The slides on the Bunnell serve the following functions: one tunes the antenna (equivalent to the primary coil of a loose coupler); a second in parallel with a variable condenser tunes the output from the inductance (equivalent to the secondary moving coil of the loose coupler), and a third serves to alter the degree of coupling with the antenna (equivalent to the sliding of the secondary coil within the primary coil of the loose coupler).

One Murdock variable condenser fine-tunes the antenna, being in series with it; the other tunes the output as indicated above. The detector is the Wireless Specialty Co. triple detector which carries its own switch for crystal selection.

Performance: The 3-slide tuner is more difficult to tune than a loose coupler, since the three slides all share a common inductance; but once they are set optimally at a given wavelength, the receiver performs surprisingly well. To return to a new, widely different wavelength is a troublesome undertaking, more time-consuming than with a loose coupler receiver, where settings can be more easily logged for retuning.

(Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201)

From 1938 to the 1950s, Arthur Harrison was ham radio operator W3MM. However, for the next 20 years, he did nothing in radio until his discovery of a junked AK metal set for which he paid \$7. The resilience of this set led him to try to rescue all the 1920s and 1930s radios he can find. He has written articles on single-dial tuning for "Technology and Culture" and for "I.E.E.E. Spectrum."

WITH THE COLLECTORS

The Saga of My 1946 Philco 46-250 One Collector's Story

BY CHARLES CONTE

Charles Conte's whimsical, real-life radio experiences will awaken fond memories for many collectors with similar tales to tell. (Editor)

PART I: MY MOTHER – THE VINTAGE RESTORER

The first person in my family ever to undertake the repair and restoration of a vintage plastic radio was my mother. The radio was a 1946 Philco Model 46-250 — a classically styled, if not unusual, brown Bakelite radio with a slide rule dial and a wraparound louvered grille. This radio is shown in the middle of Figure 1.

In 1956, I was nine and my sister was four. As my mother remembers it, we were throwing her oven mitt at each other. As I remember it, we were firing a slingshot-propelled, plastic F-104 fighter plane at each other. However, my mother says, "No, it was the oven mitt with a magnet sewn into it."

Maybe it was the hurricane lamp we broke with the F-104. In any case, we took aim at each other with a lot of things in those days, so it's hard to remember exactly what broke what. But I trust my mother's memory when she says that the oven mitt, tumbling end-over-end, missed my sister and hit the glass dial of her '46 Philco dead center.

The Philco had been a twentieth birthday present from my grandmother to her daughter. The year was 1946. My mother was working for McGraw-Hill publishers and living in New York City at the Webster Hotel for Women on 36th Street. She had a small room with a closet, sink, single bed, window with a view of the rooftops,

and bathroom down the hall. She had the basic necessities, except for one — music.

So her mother offered to buy her a radio. My grandmother took the train into the city from Poughkeepsie, met my mother, and together they went radio shopping. In 1946, radios, like a lot of appliances, were in very short supply. My mother and grandmother went along 9th Avenue from store to store — stores with no display counters, just stacked boxes — asking for radios.

Finally, in one shop, the proprietor went into a back room and came out with a radio — the Philco 46-250. No choice. My mother recalls that it cost about \$20. (A Philco ad from a 1946 *Saturday Evening Post*, framed and hanging on my wall, pictures my mother's set and gives a retail price of \$27.95 — "Slightly higher Denver and West," reads the asterisked fine print at the bottom.)

She was married in December of that year, and her radio went with her to her new home, back in Poughkeepsie. Later, when she and my father (and I) moved seven miles north to Hyde Park, the radio went with us.

So by 1956, the Philco that my sister and I had broken was already a keepsake for my mother, a remembrance of that brief time in 1946 when she was unencumbered by a 9- and a 4-year-old who broke dials. Mainly by me — the 9-year old. Since I was older, I should have known better. My mother had no idea, even at that time, where she would find a glass dial for a 10-year-old radio.

I don't know where she looked, but she couldn't find a replacement. Eventually she penciled in

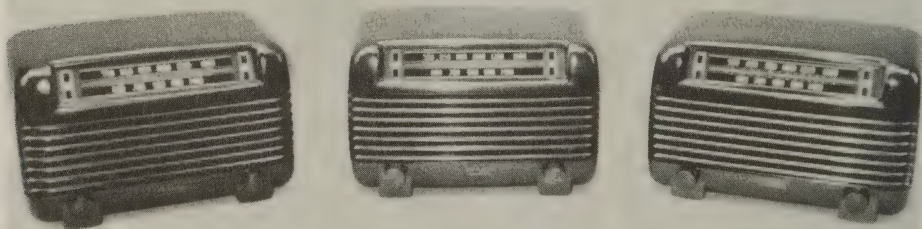


Figure 1. Philcos, left to right: Model PT-3, 1939; Model 46-250, 1946, my mother's set; Model 48-250, 1948. (During the war years, American industrial design literally shut down.)

the station call letters on the paper dial-backing, now left naked by the missing glass.

Somehow the radio made it into my room. It sat on the shelf at the head of my bed. Late at night, long after I was supposed to be asleep, I'd listen to it. It was tricky to keep the volume at a level that I could hear but my parents could not hear in their room. On this Philco 46-250, I first heard Miles Davis, Monk's strange and beautiful music — "Brilliant Corners" and "Round Midnight" — the Everly Brothers, Elvis, and others.

PART II: UNCLE LEE — THE COLLECTOR

Sometime later, my mother renewed her quest for a replacement dial, as if she'd never given it up. Whether out of desperation or sheer inspiration, I don't know which, but the next step in her search took her into Uncle Lee's basement.

Uncle Lee was a collector before that particular avocation had become respectable. He was a collector of what other people gave away or threw away. Back then we called it junk.

Uncle Lee was a *serious* collector. On Poughkeepsie Clean Up Day, he would travel the better neighborhoods early in the day in front of the clean-up crews and pick the best of what was left curbside. In his double garage, Uncle Lee had any number of outboard motors, lawn mowers and bicycles at one time, all waiting for the repair which he *could* do himself. However, a hundred cane-bottom chairs hung from the beams there, most waiting for recaning, which my uncle *couldn't* do. The profusion of strange objects in that garage, the vision of so much stuff, fascinated us kids.

For years, Uncle Lee kept a bullet-nosed 1948 Studebaker in the backyard (no room in the garage, of course), knowing that someday it would be valuable. He just couldn't hold out long enough. His wife, my aunt, finally pressured him into getting rid of it. He had to pay a kid \$25 just to haul it away.

UNCLE LEE — A MAN BEFORE HIS TIME

Admittance to my uncle's garage was a real treat for us kids. Actually what we got was more like a viewing, always accompanied by an adult, since it was physically impossible to squeeze a body into Uncle Lee's garage.

But while the garage was open to the public, Uncle Lee's basement was the inner sanctum of his world. No one in the family, as far as I know, had ever entered there.

My aunt had a key to the basement, but rarely went down there. When she did, it was often to make "disappear" one of her husband's "collectibles." She would return it to the curb (from whence it had come) for pickup, before Uncle Lee knew what had happened.

Not even his sons and daughter, my cousins, were allowed down there among the treasures. *Nobody* got in — except my mother, once.

She played a hunch. Maybe Lee had an old Philco down there from which she could snatch a

dial that would at least substitute for the missing one. What were the odds? — ridiculously slim. But still, this was *Uncle Lee's* basement. Anything was possible.

She told my aunt what she was after. My aunt, sensing an opportunity to get rid of one piece of junk, no matter how small, leapt at the chance and agreed to let my mother into the basement while Uncle Lee was out of the house.

My mother has no clear recollection of what exactly she saw down there. She does remember that the basement of the old house was divided into a number of rooms, at least one of which was locked. I like to think that what she saw was so overwhelming, so splendid, like breaking into the tomb of a great Pharaoh, that her mind went blank and she became forever unable to describe what incredible riches she saw.

But whatever the reason for her lapse of memory, my mother does remember reaching up to a shelf to pluck a dial out of a Philco identical to her own. Exactly how my mother went about placing the dial in her own radio is lost to us. But we can imagine that she accomplished the repair much as we do today.

PART III: CHARLES CONTE — THE COLLECTOR

Many years later, sometime after I had moved out of the house for good, my mother gave me that old Philco. Now she says that she thought I could make a lamp or something out of it. Luckily, I never did get around to turning it into "a lamp or something." I still have it, and, after some electronic repair by my partner, it plays as well as ever now, probably better.

That's how my radio partner and I got started. One day at work, he showed me a Bakelite radio he had restored, one of a very few he'd done at the time. The next day I showed him my mother's Philco, and he said, "Yes, it is Bakelite."

"Could you check it out for me? It plays, but it's got this hum....," I inquired.

That was our humble beginning, five years ago. Since that time, together we've amassed a fortune collecting, trading and dealing with Bakelite radios. Yet, I am still not too proud to ask my partner to do my electronic repairs for free.

My mother's Philco 46-250 is the core of my collection, as it was the core of her "collection." I now have any number of radios that either surpass it for style, are far more colorful, are "cooler," or have more exciting dials.

But that radio will stay with me as long as I have my collection, as long as I have a wall outlet to plug it into.

(Charles Conte, Siemens Audio Inc., 7 Parklawn Drive, Bethel, CT 06801)

Charles Conte is Public Relations Administrator, as well as an advertising writer, for Siemens Audio, Inc., Bethel, Ct. — American headquarters for the Neve series of audio consoles and the AMS digital audio editing and recording systems.

WITH THE COLLECTORS

The Faragos Ask "Why?" — Readers Reply

COMPILED BY RAY BINTLIFF FROM RESPONSES OF:

Dave Dameron, Alan Douglas, Robert W. Downs, John Eng, Edward J. Engelken,
Wally Horton, Stan Lopes, Mike Martin, Ronald L. Oberholtzer,
David S. Randall, John A. Reinicke, Rich Spenser, and Frederick G. Suffield

A letter from Jim and Nadiene Farago suggesting several topics for future articles appeared in the May 1992 issue of A.R.C. The Faragos presented these topics in the form of questions. As always, the readers of A.R.C. rose to the occasion. The following explanations have been compiled from readers' replies along with some additions by this author.

We begin with the responses to the questions that are more specifically radio-related. The responses to the power-related questions follow.

Why do some tubes utilize a black coating on the inside of their glass envelopes while others do not?

This question was the real puzzler. It drew the least number of responses and most writers confessed to some reservations about their answers.

Two writers indicated that the coating was used mainly on beam power tubes such as the 6K6, 6W6, 6V6 and 6L6. One response indicated that the coating was conductive and served to prevent the buildup of electrical charges. Another suggested that the coating was decorative. The color of the coating can be either black (or is it a very dark gray?) and gray. The color suggests that it may be a conductive coating.

A cursory inspection of my tube stock indicated that the coatings also appeared on such "non-power" tube types as the 57, 58, 75, 6A7, and 6C6 — all 6- and 7-pin tubes from the early and middle 1930s. Later octal-based tubes in which the coating appears include Types 6F8, 6SL7GT, 6SN7GT and some beam power tubes, as noted above.

The use of this coating seems to have begun with the ST type bulbs. Also, the coating does not appear to serve as a getter (that silver-like coating on the inner surface of the glass), since both the getter and the coating are present on some tubes. It does not seem to serve as a shield because there is no visible electrical connection between the coating and the metal structure of the tube.

The coating is present in different brand names of the same tube type. This fact may not be significant since one manufacturer sometimes made a large production run of a particular tube type and branded it for sale to other radio and

tube manufacturers. Such arrangements resulted in lower tube costs.

Perhaps other A.R.C. readers can provide additional explanations.

Why were tubes, such as the 201-A, made with 5-volt filaments, rather than 3-, 4- or 6-volt filaments in the very beginning?

The filaments of early vacuum tubes were not very efficient, and they required high filament power to create the necessary cloud of electrons. For example, the UV-201 has a filament rating of 5 volts at 1 ampere or 5 watts of power for each tube filament.

Early tubes like the UV-201 and UV-201-A utilized filaments made of plain tungsten and thoriated tungsten respectively. Plain tungsten was an obvious choice for the filaments of the UV-201 since it was the filament material used in contemporary incandescent lamps. In fact, much of the early tube manufacturing technology was based on the materials, methods and machinery used in the mass production of incandescent lamps.

Keep in mind that, at the end of World War I, the UV-201 was a state-of-the-art tube. Although it had a high filament current requirement, its availability made the UV-201 a standard in the fledgling radio industry. Tubes with reduced filament requirements came later.

Battery Choices. The high current needed to heat the filament of the UV-201 dictated the use of a storage battery. Lead-acid storage batteries were chosen because they were readily available. In addition, the storage battery was more economical because it could be recharged, while dry cells had to be discarded after they were discharged. Further, dry cells were not capable of producing the high current needed to heat the filaments.

Other Filament Voltages. So why wasn't a 6-volt filament chosen? Wouldn't it be a good match for a 6-volt storage battery? Sure, this combination represents a good match in terms of voltage, but it also presents a serious problem.

Running a 6-volt filament from a 6-volt battery would not allow for any significant voltage drop in the wires from the battery to the radio set or for discharge of the storage battery. As a storage battery discharges with use, its output voltage decreases which means a drop in the filament voltage. A low filament voltage can adversely affect a radio's performance. Therefore, if a 6-volt



filament was operated from a 6-volt battery, it would be necessary to keep the battery fully charged at all times.

However, the use of a 5-volt filament permits a radio to be operated on a partially discharged battery and will extend the time period between battery recharges. An additional explanation of filament voltage control is provided below.

OK, but why not a 4-volt or 2-volt filament? Some tubes with 4-volt filaments were produced but were never a success commercially. The basic problem is that a decrease in filament voltage dictates a corresponding increase in the current requirement. Increased current will, in turn, cause a heavier drain on the battery. The choice of 5 volts and 1 ampere was probably considered a good balance of voltage and current requirements which could be supplied by the readily available storage battery.

Filament Voltage Control. As noted above, it is necessary to use a battery that produces a voltage which is higher than the required filament voltages so that a partially discharged battery can still provide enough voltage to operate the filaments. Because the battery voltage will vary depending upon its state of charge, some provision must be made to compensate for the variations in battery voltage.

For example, connecting the full 6 volts from a fully charged battery to a 5-volt filament can shorten the life of a tube. As a result, early battery radios used rheostats to reduce the battery voltage to the correct filament voltage. As the battery voltage dropped, the rheostats were adjusted to compensate for the change in voltage. The rheostats also served to control RF amplifier gain, detector sensitivity and volume by controlling electron emission from the tube's filament. A very simple but effective scheme.

Some radios included a voltmeter to measure filament voltage. Others relied on "eyeball" adjustments of filament voltage as evidenced by the peepholes in the front panels of early battery sets.

Advances in Tube Technology. The introduction of the UV-201-A, with its thoriated filament, represented a substantial improvement since it required only a quarter ampere of filament current. But by this time, the 5-volt filament was so common that a change in filament voltage was unlikely. Also, with five or more tubes in a radio, the total current requirement still required the use of a storage battery rather than dry cells.

Advances in tube technology brought the UV-199 which made portable radios possible and permitted home receivers to be operated from dry cells. Its initial filament rating was 3 volts at 0.06 amperes. Other tubes with more efficient filaments were introduced, but the 5-volt 01-A was the workhorse, the tube of choice for many years.

For simplicity, the RCA Types UV-201 and UV-201-A have been used as examples in the explanations provided above. But variations of these tubes types were also in wide use, such as the long-pin UX-201 and the UX-201-A. The same tubes produced by Cunningham were identified with a 300 series number — e.g., the UX-301-A.

Over a period of time, the long-pin UX series

replaced the short-pin UV series. Eventually, the UX prefix was dropped, and the tubes were identified by number only, such as 201-A. This simplification was carried further when the first digit was also dropped and the 201-A and the 301-A became generically known as the 01-A. Even though 01-A is written "zero-one-A," it is pronounced "Oh-one-A."

Why were most radios from the 1920s and 1930s constructed without safety features in mind?

During the Great Depression the cost of any product was an important factor, and this was certainly true for radios. Radio manufacturers sought ways to minimize costs. The AC/DC radio



is a prime example of efforts to reduce costs. Elimination of the power transformer resulted in lower material and labor costs as well as a smaller cabinet. While the design did increase the risk of electrical shock, manufacturers took steps to protect the user by the use of wooden or plastic cabinets with back covers.

Although cost considerations may have taken precedence over safety during the 1930s, the associated health hazards did not seem very great at the time. The present day concern for safety is a fairly recent occurrence. [Some believe that safety may be carried too far by the various bureaucracies. Consider for an example the fact that today the Occupational Safety and Health Administration (OSHA) classifies ordinary table salt as a hazardous chemical.]

Very early battery-operated radios, with exposed B+, were usually operated by knowledgeable owners who were aware of potential shock hazards and who exercised care. In any event, the risk of serious electrical shock from dry cell batteries, because of their limited current capacity, was quite low. AC powered sets capable of producing high voltage at relatively high current were another matter.

On the positive side, radio publications of that era stressed both the need for caution when working with high voltage and the dangers of lightning. Most radios offered some protection for the user, and lightning arrestors were used widely. It was the radio serviceman who was most likely to be injured by electrical shock or burns. These risks were usually written off as part of the job.

Some dangers were simply not understood. Carbon tetrachloride was a commonly used degreaser until its toxicity was recognized. Some electrically-operated medical equipment, both quack and legitimate, was probably a greater risk than radios. Many physicians used diathermy machines which generated high levels of RF energy. Quack medical devices produced ultraviolet radiation and electrical shock with dubious ben-

(Continued on following page)

(Faragos, continued)

efits and uncertain risks to the patient. Even the electrical shock generators found in amusement arcades could produce lethal voltages.

Why do resistors and capacitor values progress in odd numbers like 10, 12, 18, 22, 27, etc?

In the early days of radio, "nice round numbers" were usually selected for the values of resistors and capacitors. These round-number values represented the desired or rated value. A resistor's actual value might be more or less than the rated value. The difference between the rated value and the actual value of a resistor is a measure of its accuracy.

The acceptable limits of a resistor's accuracy is called tolerance. Tolerance is expressed as a percentage and can be a positive or negative number. As an example, a 1,000-ohm resistor with a 20% tolerance can have an actual value as low as 800 ohms or as high as 1,200 ohms. If the tolerance was specified as 10%, then the allowable range would be from 900 to 1,100 ohms.

The manufacture of early resistors was not a precise process. The actual resistance of parts coming off the production line sometimes differed from the intended value. Consequently, resistors with a tolerance of 20% or 10% were common.

There was no special effort taken to produce a 10% resistor. It was largely a matter of chance. Both the 10% and 20% tolerance resistors came off the same line. The resistors were measured and then declared to be either a 10% or 20% resistor. One reader reports that in a 1940 era batch of 20% resistors, no resistors would be found closer than 10% to the rated value because they would have been marked 10%. Likewise, no resistors would be found closer than 5% in a batch of 10% resistors. As manufacturing and quality control methods improved, resistor tolerances were tightened to 5% and 10%.

Standardization. Round numbered resistors offered the circuit designer little flexibility. As the complexity of radio circuits increased, a need was created for additional resistor values, and some odd resistor values began appearing in radios. The Radio Manufacturers Association (RMA) recognized the need for standardized resistor values which would minimize the number of resistor values but still provide the circuit designer with an adequate range of values. The RMA's effort resulted in what appears to be a strange progression of values. But upon closer inspection the choice of values is quite logical.

Standardized values for resistors with a 10% tolerance begin with the following 2-digit numbers:

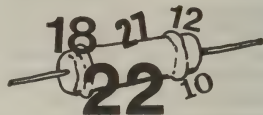
10, 12, 15, 18, 22, 27,
33, 39, 47, 56, 68, and 82

Larger values of resistance are specified in multiples of 10, 100, 1,000 and 10,000 plus a high-end value of 10 megohms. Thus, resistor values from 10 ohms to 10 megohms are available in the steps shown above. The RMA scheme does employ a decade relationship after all.

Another look at the 1,000-ohm resistor used in

the previous example may help us understand why the RMA picked these values. We know that if this resistor has a 10% tolerance, its value can range from 900 ohms to 1,100 ohms. How does this range compare with the standard values immediately above and below the 1,000 ohm value?

The next highest standard value is 1,200 ohms with a possible range of 1,080 to 1,320 ohms. The next lowest standard value is 820 ohms with



a possible range of 738 to 902 ohms. It becomes obvious that the possible values of the next highest resistor (1,200 ohms) and the possible values of the next lowest resistor (820 ohms) will overlap the possible values of the 1,000 ohm resistor.

If you were to examine the possible resistance ranges for a series of consecutive resistors, the same overlapping of values would become apparent. The same overlapping of values exists for 5% resistors. Because the range of possible values is smaller, a greater number of standard values is available in that tolerance class.

If you have not grown weary of this explanation and have the desire to explore this subject further, the *Radiotron Designer's Handbook* provides a complete listing of RMA standard value resistors with tolerances of 5, 10 and 20%.

Also of interest is the article by Arthur Van Dyck entitled "Preferred Numbers" in the *Proceedings of the Institute of Radio Engineers* for February 1936. Van Dyck invites comment from the radio industry on the "preferred numbers" recommended by the American Standards Association. The preferred number system establishes several series of numbers increasing by standardized percentages for broad application across many industries.

The Happy Ending. The availability of such a large selection of resistors was sure to please the design engineers. The manufacturers of resistors must have been jubilant. Considering the overlap of standard resistor values, every resistor coming off the production line was bound to fall within some range of accuracy. It was a production foreman's dream come true.

Essentially, capacitor values were standardized in the same manner and for the same reasons.

The six questions regarding electrical power distribution have been consolidated into the following simplified question:

Why do power companies use a variety of frequencies in generating electrical power, and why were certain frequencies adopted?

Like so many things in life, making a decision regarding the frequency at which electrical power is generated and consumed is a matter of compromise. Each frequency range has certain advantages and disadvantages.

Without getting too deeply into the theory of AC

electricity, a few brief statements regarding some basic principles may be helpful. Electrical motors and transformers are frequency-dependent. They perform differently as their operating frequency changes. In addition, electrical devices are not 100 percent efficient and will exhibit power loss in varying degrees according to their type.

Probably the most dramatic example of power loss is the heat generated by a resistor. In similar fashion, the copper wire in a transformer or motor contributes to power loss because of its resistance. But fortunately, at power line frequencies, the resistance (or "copper loss") is not frequency-dependent. So for the purposes of this article, we need not address this relationship.

But a transformer or motor does suffer a frequency-dependent loss which is called "iron loss" or core loss. Iron loss results from hysteresis and



eddy currents in the magnetic core. Because iron loss increases as frequency increases and diminishes as frequency decreases, it is a significant factor in electrical design and thus pertinent to this article.

On the other hand, as the power line frequency decreases, the required amount of "iron" or magnetic core material increases. While one type of problem may be solved by selecting a higher or lower power frequency, the advantages offered by that selected frequency may be offset by certain disadvantages. Thus, the need for a compromise in frequency selection becomes obvious.

Radio Design Considerations. Some examples of how the power line frequency affects radio design may be useful. Radios designed for operation at the lower frequencies (25 to 50 Hz) require power transformers with more "iron." Additionally, the filter capacitors in the radio's power supply must have a larger capacitance. These requirements are distinct disadvantages in terms of cost, size and weight. Naturally, radio designers would prefer a 60 Hz power source.

Although we have cited some examples of how the choice of power line frequency affects the design of radios, the same fundamental rules apply to electrical motors and power distribution transformers.

25 Hz Power. Using 25 Hz has an additional disadvantage. An incandescent lamp operated from 25 Hz power produces a noticeable flicker which can be very annoying. The human eye is incapable of detecting flicker at higher frequencies.

On the positive side, large industrial motors operated on 25 Hz are more efficient than those that run on 60 Hz. Additionally, at 25 Hz generator design and construction is much simpler and, of course, cheaper. These generators run at a lower rotational speed which reduces maintenance problems. When used for industrial pur-

poses, the motor's large size and heavy weight are offset by the advantages of greater efficiency and lower operating costs.

On the other hand, small fractional-horsepower motors typically used in household appliances would have to be much larger and heavier when designed for use with 25 Hz power. As in the case of the radio transformer described above, more iron and copper are required. Consequently, 60 Hz is a better power source for small motors where cost and weight are important factors.

Higher Frequencies. Since the size and weight of transformers and motors can be reduced when designed to operate at higher frequencies, the answer seems simple — let's use a higher frequency. A great idea except for one problem. Remember that iron losses increase as the operating frequency is increased. So again we are faced with a trade-off decision.

Can we accept lower efficiency to achieve a smaller and lighter transformer? Probably not in most cases, because lower efficiency means more power lost in the form of heat. The generation of excess heat in transformers and motors is not desirable. This is particularly true for household appliances.

But in some applications the reverse is true. In airborne equipment for example, small size and light weight are very desirable characteristics. As a consequence, avionics engineers have chosen to sacrifice efficiency for reduced size and weight by utilizing 400 Hz power. Because 400 Hz is more easily filtered, its use has the added advantage of reducing the size of filter capacitors.

The Best Frequency. So, is there a "best" frequency for the generating power? Not really. It all depends on the needs of the user. Table I summarizes the pros and cons of higher and lower frequency choices. However, 60 Hz seems to be a good compromise. Is it superior to 50 Hz? In "real life" terms, probably not. As several writers pointed out, if qualified people were given the task of selecting a frequency for widespread power generation, they would very likely select 50 or 60 Hz.

Consider that the European countries have used 50 Hz power for many years and at 220

(Continued on following page)

	<u>Lower Frequency</u>	<u>Higher Frequency</u>
Copper Loss	Same	Same
Core (iron) loss	Lower	Higher
Transformers		
Size	Larger	Smaller
Weight	More	Less
Running Temp.	Cooler	Hotter
Efficiency	Higher	Lower
Power Supply Filter		
Capacitors	Larger	Smaller
Lamp Flicker	Annoying	Not Perceptible
<i>The Advantages and Disadvantages of Lower and Higher Power Frequency Choices.</i>		

Table I.

(Faragos, continued)

volts as well. Some writers addressed this subject of Europe's preference for 50 Hz. They indicated that 50 Hz was chosen because it was more suited to the long-distance power distribution from hydroelectric plants. At Niagara Falls in 1893, 25 Hz was chosen as a compromise among several possible frequencies dictated by the already fixed turbine speed of 250 rpm.

Once a nation, or geographical area, selects a particular power source, it is pretty much locked in. Economic considerations usually prevent major changes in the characteristics of generating stations even if another frequency might offer some advantage. So, decisions to use 50 or 60 Hz that were made long ago are unlikely to change.

Some writers pointed out that high-voltage 25 Hz power is still used in the U. S. to run electric railway trains and heavy industrial machinery. The November 1990 *IEEE Spectrum* reports that Canada, at Niagara Falls, still has about 250 megawatts of 25 Hz generating capacity being distributed to Canadian industry which has not converted to 60 Hz.

Advantages of Direct Current. The reasons power companies use 500 kilovolts DC for long-distance transmission are many. For one, a DC system requires only 2 wires as compared to 3 for an AC system. A DC system is also more efficient because it is not subject to the line reactance losses which occur in an AC system. In an AC system, very long transmission lines have an inductive reactance which requires the use of corrective capacitor banks. Another advantage of a DC system is that it does not present the phasing problems associated with AC.

Disadvantages of Direct Current. As you might suspect, there are some drawbacks to a DC system. In an AC system, transformers can be utilized to increase or decrease line voltages. Since transformers can only be used in AC circuits, this ability to change line voltages easily is lost in a DC system. And in a DC system the electrical power, which is generated initially as AC, must be (1) rectified to DC for transmission, and (2) converted back to AC at the end of the DC line for local distribution.

Rectification and conversion are accomplished by huge banks of solid-state devices. Because of the high cost of these equipment banks, the use of DC is usually reserved for situations that call for very long transmission lines. In the case of long transmission lines, the savings realized from the use of the more efficient DC system more than offset the added cost of conversion equipment.

Why was Tesla's proposed use of a "wireless" or high power RF method of power transmission squashed?

Tesla's proposal failed on both technical and economic counts. On the technical side, wireless transmission of power is extremely inefficient. While it is possible to transmit very high powered radio signals, the characteristics of radio propagation are such that a transmitted signal is subjected to high losses as it travels through space or the earth. As a result, received radio signals are usually measured in terms of millivolts or

microvolts rather than volts.

Even by employing very large, or highly directional, transmitting and receiving antennas, it is not possible to obtain sufficient energy at the receiving end. It is unlikely that the possible health hazards created by high power electromagnetic radiation were a factor in Tesla's time, but such a scheme would certainly be opposed today.

On the economic side, serious questions arise concerning just how a power company could monitor power consumption or collect payment from the consumers of radiated power.

Why did farm systems use 32 volts instead of 24 or 36 volts?

Farm systems were operated from 2-volt lead-acid cells connected in series to supply 32 volts DC. Recharging was accomplished by generators driven by gasoline engines or wind power. Manufacturers of the gasoline engine types in-



cluded Kohler and Delco. The windmill-type generators were built by Windcharger.

Only a few responses to this question were received, and all the writers admitted to guesswork or some degree of uncertainty. One writer suggested that the selection of 32 volts might have been related to the 32-volt lighting system used by the railroads in passenger cars, a fact which would have made lighting fixtures and lamps readily available.

At the time, 8-volt batteries were used in some trucks and tractors. The availability of these batteries may have influenced the selection of 32 volts. Four of the 8-volt batteries would, of course, produce 32 volts.

The use of 32 volts had an obvious advantage over 24 volts because a smaller gauge wire could be used in the 32-volt system. Then why not go to 36 volts and use even smaller gauge wire? It was probably desirable to keep the number of 2-volt cells to a minimum because of their cost.

READER SUPPORT

The response to these challenging questions from the readers of A.R.C. was heartening. The large number of responses and the volume of material involved made it impossible to acknowledge individual contributions. To those readers who took the time to provide answers, I hope you recognize your input, if not your exact words, as valuable contributions to this article. Your participation is greatly appreciated.

(Ray Bintliff, c/o A.R.C., Box 2, Carlisle, MA 01741)



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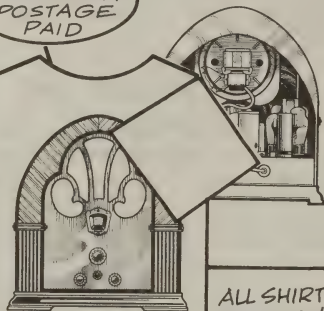
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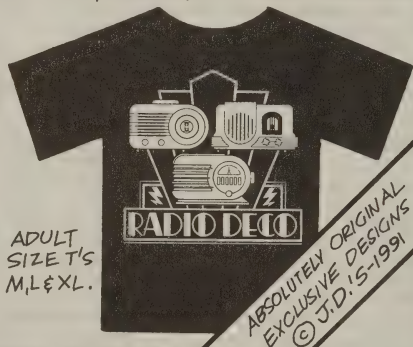
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WANTED: Wirewound potentiometer, 50 watts or more, 5 to 10 ohms. Fred Kaeppl, 3311 Epworth Rd., Newburgh, IN 47630. (812) 853-0093, leave message

WANTED: Schematic for RCA 400 16mm sound movie projector. Richard Matiaszek, 2212 S. 139th Ct., Apt. #3, Omaha, NE 68144

FOR SALE: Power transformers, N.O.S., OP-580VCT-275mA, 5V-2A, (3) 6.3V-2.2A, 6.3V-1.2A - \$10/3. OP-12.2VCT-6A, 8.5V-5A - \$10/3. OP-24VCT-8A or 12V-16A - \$18, \$50/3. OP-40VCT-1.5A - \$3, \$10/4. OP-48VCT-3A, 15VCT-1A, 25VCT-.25A - \$10/3. Sockets: octal - \$4/8, miniature 7- or 9-pin - \$3/9. + UPS. LSASE. Thousands of great buys. Fertik's, 5400 Ella St., Philadelphia, PA 19120. (215) 455-2121

WANTED: Philco 84 chassis, working or complete; Volume & Dial-pointer knobs, speaker bolts. Robert G. Wheaton, W5XW, 16015 White Fawn, San Antonio, TX 78255. (512) 695-8430

WANTED: RCA 621 TV. I have working 17" Predicta for partial trade or will buy outright. Also need RCA sweep generator WR69 and WR70A marker-adder. Barry Dalton, N7XEP, 196 Kilborn Dr., Grants Pass, OR 97526

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FOR SALE: Tubes and parts for restoration and repair. For a comprehensive list send \$1.00. **WANTED:** Tubes and surplus parts. Mail or fax list. John Burdick, S & J Electronics, Inc., 1900 Beld St., Madison, WI 53713. (608) 255-7400, voice. (608) 256-4113, fax

WANTED: Copies or originals of installation/operating instruction/booklets/manuals for Packard automobile radios, 1929-1956. Arlo Brakel, 201 Deer Meadow, Gahanna, OH 43230. (614) 337-1707

FOR SALE: Large collection of radio and television tubes, most in original boxes in RCA carrying case (circa 1940-60's) w/Sylvania tube tester Type 220. Send LSASE for list of tubes. Best reasonable offer by December 1. Louis Schmidt, 1362 West Front St., Lincroft, NJ 07738-1119. (908) 741-4223

WANTED: 1933 Philco Model 57C tabletop, chassis for Montgomery Ward Model 62-192. Chuck Sundgren, 1818 Alder Ave., Richland, WA 99352-2424. (509) 943-6161

FOR SALE/TRADE: FADA 652, Belmont 6D111, Olympic 6-501, Crosley-Duettes, Color Radios 11-118U, 10-135, Coke cooler; Dahlberg, pink, green, white + box, radio mike and more. Victor Zummo, 20344 Mobile St., Canoga Park, CA 91306. (818) 883-8468 after 6 pm Pacific

FOR SALE: Test equipment from closed technical school: B&K E200D solid-state RF generators AM/CW, 100 kHz-216 MHz, calibrated/metered output, crystal markers, manual, vg - \$95. Labvolt test equipment, solid-state, excellent condition - \$45 ea., \$82/pair. AA772 power supply with 6.3VAC 2 amp, 0-40VAC 2-amp; 0.5-40VDC 1-amp, 30-300vDC 100mA outputs. AA779 dual RF/AF generator, AF: 20Hz-200kHz, sine or square wave output; RF: 200kHz-4.8 MHz, internal/external modulation. More test equipment, list - SASE. E. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27569. (919) 936-3000, evenings

FOR SALE: Many nice consoles and wooden tabletop radios. Also TV and radio test equipment. See me at Oct. 10 IHR meeting in Greenfield, Ind. or send LSASE. The Magic Eye, Classic Radios, Mike Clark, R.R. 2, Box 90, Franklin IN 46131. (317) 738-4649, eves. and weekends

WANTED: Dial cover for boxy Bakelite clock radio, Truetone Model D-2216B, D-2217B. Warren Clarke, 4309 East Conley Rd., Conley, GA 30027. (404) 361-0500

WANTED: Knobs for yellow DeWald 561-2 Catalin, also knobs for yellow Fada 652/252 Catalin. Merle Jones, 5626 Memory Ln., Fair Oaks, CA 95628. (916) 965-1177

FOR SALE: After 40 yrs. of service - radios, equip. books, parts. Send LSASE for list. Robert Rossi, 10936 Melbourne, Allen Park, MI 48101. (313) 386-8321

FOR SALE: DuMont RA-109 chassis, finest TV of its time - Best offer/Trade. Scott Overstreet, 23200 Encinal Ct., Los Altos Hills, CA 94024. (415) 941-3714

WANTED: 1950's new ATB potentiometers 100K to 500K, 2W carbon resistors, controls. Mr. Hsieh Weh-Hwa, 4FN0402 Hoping W. Rd., Sec. 3, Taipei City, Taiwan R.O.C.

WANTED: Zenith Walton set 7J232, 9S232, have Porto Baradio to trade. Let's talk. Jerry Luttrell, 123 Ward, Independence, MO 64050. (816) 836-4002, eves.

FOR SALE: Philco Model 47-1227, AM-FM, phono, excellent condition - \$79. David Hunter, 6618 Parker Rd., Wadesville, IN 47638. (812) 985-2379

FOR SALE: Crosley 817 installation and operating instructions, original, mint, in jacket, 8 pages, with leading shortwave stations list and schedule included, photocopies - \$5; one original - \$50, sent. Mick Catalano, 317 W. 11th, Mitchell, SD 57301. (605) 996-5925

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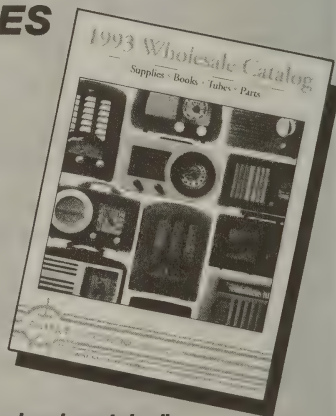
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6221 S. Maple Avenue, Tempe, AZ 85283, Phone (602) 820-5411, FAX (602) 820-4643

WANTED: Radak R-3. Will pay dearly for a nice original. Ed Bell, 5311 Woodside Rd., Raleigh, NC 27606. (919) 851-1517

WANTED: Atwater Kent breadboard radios and parts, basket cases OK. I'll pay \$200 each for Type II and coupled circuit tuners or trade other AK parts. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

FOR SALE: Synchronous detector for 455 kHz IF receivers. Dramatically improves AM: reduces fading distortion, selectable sideband cuts interference. Kit—\$139. Built/tested—\$199. Info—\$3. Steve Johnston, PO Box 3420, York, PA 17402-0420

WANTED: Reasonably priced small transistor radios. Will buy all you have. Write or call. Doug Ferrero, WB8YNZ, 33673 Chatsworth, Sterling Heights, MI 48312 (313) 268-3677

WANTED: Miller AM tuner, any condition, broken, parts missing, OK. Richard Matiassek, 2212 S. 139th Ct., Apt. #3, Omaha, NE 68144

FOR SALE: Radio schematics — \$1.50 postage paid. 1920 to 1952, make and model number must be known. Kevin Ramos, PO Box 417783, Sacramento, CA 95841-7783

WANTED: Reproduction Dionne Quintuplets decals for Stewart-Warner A-6S. Please call collect or write: Cecil Joyner, 308 Whitehall Dr., Rocky Mount, NC 27804. (919) 442-7073, eves.

MESSAGE: Thanks to all for Tunnel Diode book leads. **WANTED:** Viking 85-Series tape transport (mechanism only) from late '50's in very good shape. This one had two motors and concentric knobs at upper right. Jim Wood, 5936 Plateau Dr., Felton, CA 95018

WANTED: Motorola 51X16, especially red/black. CA or AZ only. Gary Glazier, 3031 El Caminito, La Crescenta, CA 91214. (818) 248-1693

WANTED: Microphones, bullet-shaped dispatchers mics from the 40's, 50's and 60's, working or not. Astatic JT-30, T3, Mod 7. Shure 707A, 520. American C7H, D5T. Ronette B110, G210. Turner Bx, Bd, CX, CD. Spotlight TL20. Kent M135, M120, M20. Also crystal elements for any mics listed, and screw-on volume controls by Monarch, T-710, and Switchcraft, T29. Mike Fore, 1116 Jessamine Rd., Lexington, SC 29073. (803) 796-3903

WANTED: Zenith airplane or sailboat Trans-Oceanic Model 7G605 portable or just front door. Steve Melvin, 34 Deep Brook Harbor, Suffield, CT 06078. (203) 668-6821

Your friendly Breadboard Broker has received another shipment from the museum, including:

a 9C, a 9V, 4 #10's and 2 #4340 Radiodynes, 1 #4066, and other choice pieces of other makes.

Paul Giganti — (415) 593-4723
2429 San Carlos Avenue
San Carlos, CA 94070

FOR SALE: Novelty sets; the following numbers are from Bob Breed's notable publication: 158, 178, 179, 195, 211, 220, 222, 224, 238, 250, 268, 274, 317, 320, 325, 364, 399, 400, 411, 430, 460, 463, 484, 486, 488, 496, 497, 509, 517, & (30) more that are not yet published. Don't need money; trade for good rowboat, plastic toys from '50s & '60s, plastic doll furniture, acetylene torch, drill press, 1983 to 1990 Lionel-Flyers 8350, 120089, 48308. Robert Rogers, 1407 Riverside Rd., Old Hickory, TN 37138. (615) 847-2475, 6 pm CST

FOR SALE: Wavemeter, General Radio Model 566A, complete with 4 frequency coils — \$125. Combined AM generator with VOM, Triplett Model 1175, battery operated with original 1940 batteries — \$55. AM signal generator, Model 088 Philco, battery operated — \$40. Color bar generator, Sencore Model CG22, modified for AC operation — \$35. "TV Tuner Subber", Castle Model MKII, battery operated — \$25. AIM 46 channel converter, Model 4970, cable VHF to UHF, N.I.B. — \$25. Plus shipping. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Please help, I need a set of 6 Call Letter Holders and the push-button switch and coil assembly for a Zenith shutter dial Model 9S365, Chassis #5906. I am willing to purchase the entire chassis to get these switches. Thanks for any help. Carlton Ward, 120 Vassar Dr., Lake Worth, FL 33460. (407) 588-2272

FOR SALE: R390As, R388s, SP600s, other receivers. Modules, parts available. LSASE for new list. A. F. Scrudato, AFS-A, 107 Fayton Ave., Norfolk, VA 23505

WANTED: Crosley 51 or 52 audio transformer, open OK. DeForest 01-A. Clapp-Eastham HR. Carl Steinberg, 5 Cannan Rd., Monsey, NY 10952. (914) 352-0701

WANTED: FB7/X parts. National power supplies 5887, 5897, GRSPV-6. REL Bakelite panel transmitter. Richard Groshong, 6604 Kent Dr., Cedar Rapids, IA 52402. (319) 377-3144

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WANTED: Radiola loop antenna parts for Model AG-814. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

FOR SALE: LSASE for list of new/used receiving tubes; octal, locat, miniature, some older. Will trade for old or unusual tubes or related material for my collection. John H. Walker Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: Emerson 507 green dial - \$30. Westinghouse portable two-tone green - \$35. Both + frt. Norman M. Landis, 1315 Marbendale Ct., Kirkwood, MO 63122. (314) 821-7933

WANTED: AK 66 console or chassis. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

WANTED: 3-tube shields for Majestic 70. Herman Gross, W9IT7, 1705 Gordon Dr., Kokomo, IN 46902

FOR SALE: (5) 01-A tube sockets, made of clear glass - Best Offer. Dale Kinstler, W1361 Aasen Rd., Bangor, WI 54614. (608) 486-2589

FOR SALE: Cathedrals: Philco 70 - \$225, Echophone S-3 - \$225, Revere Jr. - \$225, AK 944 - \$175, Gloritone 99 - \$250, Musette - \$250. Motorola brown plastic Model 51A - \$75. RCA doghouse w/Nipper & Chipper inside - \$50. RCA mirror - \$30. RCA small black & white porcelain sign - \$35. Zenith light-up sign - \$125. Red Arvin Hop-A-Long Cassidy - \$450. All plus UPS. Call after 6:30 pm Central Time. John Miller, 8144 Scott Blvd., Cottage Grove, MN 55016. (612) 459-0939

WANTED: Manuals for Heathkit 07 and DeVry IG09 oscilloscopes. RCA Victrola needle head, 1940. Fred Howard, 1606 Jackson St., LaCrosse, WI 54601

FOR SALE/TRADE: Belmont 6D111. Crosley 11-114U. 1946 two-tube radio kit in orig. box never assem. Bob Fuschetto, WA2BCR, 1758 Michael Dr., Whitehall, PA 18052. (215) 435-8944, call from 7 to 9

FOR SALE: Emerson Art Deco radio, wood cabinet blue & gold dial gold checked plastic front #700000 chassis vg - \$90. Emerson #441 Art Deco radio wood cabinet, plastic berle front, gold perforated dial back-ground vg - \$90. Zenith Royal #705 early 60's transistor radio brown leatherette case good - \$21. Westinghouse H76907, early 60's transistor radio, brown leatherette case very good - \$23. All prepaid. Mrs. Gaskins, 227 Risen Ave., Campbellsville, KY 42718. (502) 465-3755

FOR SALE: Channel Master 6509 blackw/leather case - \$30. Channel Master 6512 red w/box and instructions - \$55. Airline GEN1218A black - \$25. Hitachi TH-848 M.I.B. - \$25. Jewel 5310 red - \$25. Zenith Royal 400 black w/leather case, small chip on side - \$15. Travler 5356 brown Bakelite, small - \$25. Zenith X514 clock radio brown Bakelite - \$30. Sylvia 544M clock radio red w/unusual large electro luminescent clock face - \$25. Century tube tester w/charts - \$35. All in good to very good condition and working. Michael Rozniak, 7439 Coachlight Ln., Liverpool, NY 13088. (315) 451-0781

WANTED: Rider's Radio 1. Chassis for AK 228 and Philco 42-340. Brian Kurre, 208 Crafton Rd., Bel Sir, MD 21014. (410) 592-6202, day; (410) 838-6534, night

FOR SALE: J.W. Miller coils and transformers for TV sets. Peaking coils, IF cans, etc. Send SASE with wants. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

FOR SALE: VOM-Phaostron TS352B/U - \$25. Heath 2er - \$25. Laf. rcvrs: HA63 - \$45, HA600A - \$50. H. Mohr, 1005 Wyoming, Allentown, PA 18103. (215) 435-3276

FOR SALE: Philco Type 90 in excellent condition - \$495. Philco Type 18, very good original with no cabinet problems - \$295. Joe Nocera, 1222 Finch St., New Castle, PA 16101-4840. (412) 658-7805

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W.E. Speakers & Tweeters: 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.

W.E. Consoles & Amps: 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.

W.E. Horns: 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.

W.E. Microphones & Parts, etc.

Also looking for:

Tube-type equipment by McIntosh, Marantz, Westrex, ARC, Leak, Quad, Langevin, Altec, Telefunken, Siemens, Neuman, etc.

Vintage speakers, units, by Tannoy, Jensen, Altec, JBL, EV, Telefunken, Siemens, etc.

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(818) 701-5633**

WANTED: 15" P.M. speaker. Edward R. Barbacow, 330 Ceylon Rd., Carmichaels, PA 15320

FOR SALE: Parting Radiola 66 – have escutcheons, knobs, speaker, most chassis parts, grille cloth. Brent Jobe, 2033 E. Third St., Corinth, MS 38834. (601) 286-3733

WANTED: Jewel Wakemaster clock/radio Model 5U57U (Bunis II, p. 101). Zenith Royal 500's. Motorola VT 105 10" television. Tony DeMara, 40231 Day, Clinton Township, MI 48038

FOR SALE: Jukebox Collector Magazine (sample \$3, subscription \$30), 2545 S.E. 60th Ct., Des Moines, IA 50317. (515) 265-8324

WANTED: Dial plate for Apex 7A cathedral, one knob for Radiola 18, manual and any other literature for B&K Model 700 tube tester. Don Ignatius, RR1, Box 581, Richmond, OH 43944-9734. (614) 765-4844, ans. after 4th ring

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FOR SALE: Back issues of A.R.C. from Feb. 1985 thru Dec. 1991, a total of 83 issues, all in very good to excellent condition – \$100 for the lot, postpaid. Herman Fothe, 10 Jackson St., Sloatsburg, NY 10974. (914) 753-2090

FOR SALE: Philco & GE xistor pocket radios – \$15 for both. RCA Victor 45 r/p 45-J-2 – \$25. Grunow-Grigsby chassis Mod 12B Teledial – \$15. AK Mod 55C chassis w/tubes – \$30. Coronado chassis w/9 tubes – \$15. AK Mod 60C chassis w/tubes – \$35. Wilcox-Gay Recordette-3, vg cond – \$30. (95) Sony service lit. pamphlets – \$45. (50) ham & industrial tubes – \$50. (4) 1953 Radio-TV News – \$4 prepaid. Radio Telegraphy & Telephony Book 1931 – \$8. John Martin, 817 Cook Ave., Billings, MT 59101. (406) 252-4287

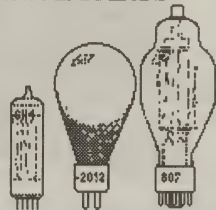
WANTED: Schematic or tube layout for EICO Model 292x and 315 signal generators. Also need working chassis for Crosley Model 647 mirror dial, will buy entire radio, or trade Olympic Model T-532 table model, or EICO Model 625 tube tester, exc condition. Also need spkr for RCA 9K1 console. Also looking for Crosley Models 11-114 and 11-100 in exc cond. and any color except black or white. Have other radios for trade. Contact: Terry Kelly, Magic Eye Radio, 176 Brey Rd., Santa Rosa, CA 95409. (707) 537-1357

FOR SALE: Pilot table radio Model 11252, AM, SW, excellent – \$65. Firestone S-7403-3 table, BC AC sharp – \$80. Philco 40-120 (Bunis I, p. 111), case refinished – \$40. Truetone table model 195, cracked on top but reglued, fair – \$10. Emerson Model 587-B white marbleize, very nice – \$65. Jean-Bpte. Desautels, K4VGD, 616 N. Silver Cir., Silver Shores, Key Largo, FL 33037-3840. (305) 852-2109

FOR SALE: Radio dealer retiring. Free test equipment. List for large SASE, newly expanded. Tubes available, individual basis – send needs & SASE. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

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WANTED: Weston Selective analyzer Model 665 Type-2, Weston Model 547 set tester. Any Weston meters in wood cases. Also Weston manuals, etc. Photos will be helpful and will be returned if needed. Brian Rhodes, PO Box 241, Hackettstown, NJ 07840-0241. (908) 459-4583

FOR SALE: Swan 270 Cygnet transceiver, mint with spare tubes - \$400. Steven Baldauf, KF8OS, Box 195, North Branch, MI 48461. (313) 688-3228 or (313) 688-2747

FOR SALE: Books, all ppd.: Electrical Communication, Albert - \$8; Elements of Radio, Marcus - \$8; Audels Radiomans Guide, 1960 - \$15; Electronics, Millman and Seely - \$8; Fundamentals of Engineering Electronics, Dow - \$8. R. J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

WANTED: Cabinet for Hammarlund SP600JX14. L. A. Locklear, 1122 36th St., Gulfport, MS 39501. (601) 864-8384

WANTED: RCA UZ 1320 or 1325 in v good conditions. R. E. Simonetti, Oakwood Vill., Bldg. 103#5, Flanders, NJ 07836. (201) 584-6057

MESSAGE: Thank you to all who attended the 1st Annual Old Time Radio Days in Brownville, Neb., in September. Due to the enthusiasm of the exhibitors, we had over 300 sets on display, and swap meet vendors from 8 states in attendance. Overall a very successful meet. A special thanks to Steve Barker, Ed & Irene Ripley, Michael Lawlor, and Mark Van Roojen for your participation. See you in '93. Randy King, Midwest Radio Club, 3017 Orwell St., Lincoln, NE 68516

WANTED: (2) audios & clamp for Tuska amp Model 226. Have radio parts to trade: Radiola IV, Radiola V, Zenith VII & AK 20s. Write: Gilferd L. Baker, Vintage Radio & Phono, Box 139, 112 Pearl St., Emden, IL 62635

FOR SALE/TRADE:



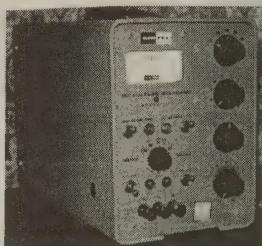
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Rudi Sillen
Limberg 31-B-2230 Herselt
Belgium
Tel.: 14.54.68.89

WANTED: Crystal sets, pre-1930's. Andy Reistetter, 7418 N. Barton, Fresno, CA 93720. (209) 299-1369

MESSAGE: 1956 Hallicrafters Continental S-103-S.W. 1933, July, Popular Mechanics. 1934, Oct. & Jan., Popular Mechanics. 1955 Transistors Handbook. 1965 Simplified Transistors Theory. T. Gasiorek, 201 Golden Ave., Briggsville, WI 53920

WANTED: Philco 70 escutcheon. David Martin, 1502 Wood Thrush Way, Marietta, GA 30062. (404) 578-1279



FOR SALE: Kin-Tel D.C. Voltage Standard. Used mainly for calibrating voltmeters but can be used as a power supply up to 20 milliamperes. A laboratory quality instrument, every conceivable voltage available from zero to 500 volts including millivolts. \$100 plus UPS. Good condition. Ellsworth O. Johnson, 364 Coeurdalene St., Spokane, WA 99204. Phone/fax (509) 838-2161

HELP: Help! Need chassis, knobs and speaker for a Stromberg 231-R. Help! I'd appreciate any information pertaining to a 1922 Raelco (Radio Electric Co., Detroit, Mich.) 3-tube receiver. Photos would be especially helpful! Need a good 201A tipped rainbow tube with brass base for this set. **WANTED:** E.H. Scott radios and any literature for my collection. Call me for an opinion on your Scott. Also want old Vogue 78 rpm picture records. Member of the E.H.S.H.S. Let's Talk on Prodigy or Compuserve! Craig Korpak, 9130 Silver Lk. Rd., Linden, MI 48451. (313) 735-7264

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FOR SALE: Zenith Trans-Oceanic transistor 3000-1, good condition, untested - \$135 or consider trade for AC cathedral. Bendix 736-B console, good shape, untested - \$95. Photos - SASE. **WANTED:** GE 400 Bakelite (Bunis, p. 76), in excellent condition. G. A. Gilardi, 181 Berkeley Ave., Harahan, LA 70123. (504) 738-1415, after 7 pm weekdays

FOR SALE: Zenith pop up dial portable - \$50. Zenith Trans-Oceanic A-600 - \$65. Silvertone metal M2006 - \$70. Silvertone metal No. 1 - \$70. Airline metal No. 1 chromed - \$85. Pocket-sized transistorized radios. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

WANTED: Am looking for gooseneck horn speaker in working condition, around 1925. Lawrence Horn, 1715 Lansdale Ave., Bethlehem, PA 18017

WANTED: Grey GE 140 portable. Joe Myers, 459 Plumhollow, Maitland, FL 32751. (407) 834-4215

WANTED: Riders #2. James E. Caudle, 50 Rangeview Acres, Candler, NC 28715. (704) 667-9717

FOR SALE: Altec 345A, Eico HF 85, Fisher 500C, H.H. Scott LK 72 amp and LT 110 FM tuner, Heathkit AA 13. All with no mods. ARC 5 vintage 3 position receiver rack & 2 position transmitter rack, cables, modulator (with dynamotor), 4-5.3 and 5.3-7 MHz transmitters (unmodified), RX and TX control boxes, antenna relay unit. All best offer plus UPS. **WANTED:** Escutcheon, glass, tuning pointer for Silvertone console with 100156 chassis. Wally Gibbons, 1520 East 2100 North, Logan, UT 84321. (801) 752-2929, before 9 pm MST

FOR SALE: Excess test equipment! Model 221 Roto-Ranger 20K5volt Simpson VOM in strong leatherette carrying case, no manual - \$20. Heathkit Model IG-52 sweep & marker generator includes construction & op. manual - \$25. Model 667 Eico tube tester includes all construction & op. manuals - \$35. All above prices plus UPS. Ray Sanders, 342 So. Third St., Cottage Grove, OR 97424

WANTED: Industrial and theater amplifiers for collection; Williamson or Triode amps; tube books by Mullard, Brimar, GEC, or Osram; theater or hi-fi books; Peerless 226Q and UTC LS40 transformers; correspondence from former ERPI employees. Thanks: to all who responded to prior ads! Mark van Rooijen, PO Box 83836, Lincoln, NE 68501-3836. (402) 438-3724

FOR SALE: Fisher 800C multiplex receiver with service manual. Pick up only. Chas. Chaplick, 212 Woodland Ave., Cherry Hill, NJ 08002. (609) 662-2371

FOR TRADE: Non-working chassis (audio works) for Crosley Super Buddy Boy, I22, for a working chassis of same \$\$\$ Gilferd L. Baker, Vintage Radio & Phono, Box 139, 112 Pearl St., Emden, IL 62635

FOR SALE: Tubes, N.O.B. and N.I.B., guaranteed cheaper than ARS or any A.R.C. ads. SASE wants. Also will sell the lot for a flat rate per tube regardless type. Joe Monego, W2OFB, Route 1, Box 299, Keysville, VA 23947. (813) 847-0279

FOR SALE: Airline #94BR? (Bunis #1, p. 20), works - \$30. TV Guides 1980's-1990's - \$1.50 ea. ppd. Thanks! M. H. Smith, 1083 E St. Rd. 2, #619, Laporte, IN 46350. (219) 324-0585

FOR SALE: Brunswick, Model 15, very nice, 7 tubes, screen grid console - \$150. Kennedy Coronet, Model 42, 6 tubes, early AC tombstone - \$275. Fifty or more clean original sets available, thinning my collection. Sorry, no shipping; come see my inventory! Dickerding done here. All inquiries to include SASE. Francis W. Pond, 98 High Rd., Lee, NH 03824. (603) 659-3831, no calls after 9 pm EDT

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WANTED: TV-2 and/or TV10 tube tester. Will pay premium for good condition with manuals. Mike Barney, 242 Little Hill Dr., Stamford, CT 06905. (203) 329-1631, after 8 pm

WANTED: Philco Predicta Tandem mahogany TV in excellent condition and working. Bob Hays, 18 Canning St., Council Bluffs, IA 51503. (712) 323-8510

FOR SALE: #2 large Jensen outdoor-indoor horn speakers with mounting brackets. Hydrex projector Model V-H-20, 20 in. dia. 16 ohms - \$98 for both plus UPS. Harry Blair, 3401 S. Lituania Ave., Chicago, IL 60608. (312) 247-7949



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WANTED: Flyback transformer for RCA Model 741 projection television, or complete RF unit. Also need chassis for Zenith 9S262. Don Jackson, 1394 Dansey Ave., Coquitlam, British Columbia, Canada V3K 3H8. (604) 931-7245

FOR TRADE: Plaskon Kadette topper in white with brown trim, really beautiful and crack free. **WANTED:** Plaskon and Catalin radios. Please call: Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

FOR SALE: Heath signal generator H68 - \$10. Knight signal generator - \$10. Heath lab signal generator - \$15. Knight KG-600C tube tester - \$10. Heath tube tester TC-1 - \$10. Heath transistor tester IT-1B - \$15. Garold Slagel, 306 S. 16th, Hot Springs, SD 57747. (605) 745-3265

FOR SALE: Genuine military (JAN) tube-type 16mm projector sets. Includes: 16mm projector AN/PPF-1; separate amplifier AM/424A with hook-up for 2nd projector (for continuous running) and phono jack; separate speaker also included. Entire set only \$150. Also available: Signal Corp. phonograph "Public Address Sets." All excellent condition. S & G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE: Not perfect radios: Fada Bullet 115 green with yellow trim - \$835, DeWald Harp - \$500, Sentinel 284 red heavy marblizing - \$835, Stewart-Warner 62T36 - \$450, large Addison black with yellow trim - \$835, small rare Addison all green - \$700. Perfect radios: Philco Boomerang - \$375, Fada 652 yellow - \$475, Trophy baseball radio - \$700, Garod Commander yellow wrap-around grille - \$675. L. Grove, 4584 W. Ivanhoe St., Chandler, AZ 85226. (602) 961-4281

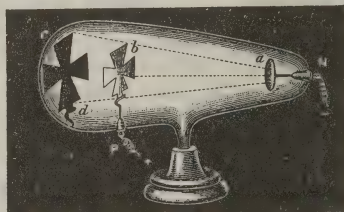
FOR SALE: Black Burns horn with concert driver, small crack 2 inch on 1 petal - \$22. Music Master Ware 4T, four-tube protrude from front panel - \$325. Midwest Ultra Six excellent panel and cabinet - \$350. Black radio microphone Station WOTLL, exc working - \$225. Federal 58 vg cabinet repainted, audio good - \$850. Peter Pan by Jackson Bell, exc working, knobs not original - \$700. Coke cooler radio vg, no cracks, original paint good - \$600. Philco table model colonial clock radio, exc and working, 1 final not original - \$475. AC Delco wall radio, transistor, working - \$65. Small Emerson corner radio, cabinet by Ingraham, good - \$185. RCA 77DX microphone - \$650. Sharp PF-116 Chinese style radio, rare gold finish - \$225. Radio football game - \$25. Westinghouse Reliatron tubes advertising thermometer - \$75. Waves, 32 East 13th St., New York, NY 10003. (212) 989-9284. Starting Oct. 24 new fax number (201) 461-7121

WANTED: Record players wanted: Fisher-Lincoln, Markel Playmaster, Garrod RC-60. Any Garrard RC-50, Webster Series 70 and 100, Zenith twin-seven, Thorens 224, Thorens 126 or 520 with factory tone arm, RCA Victor 6XY5 series, any color, Philco Hip Pocket phonos and records. Lee Wells, 19 Summit Rd., Vernon, CT 06006.

FOR SALE: Philco lamp/clock radio combination, very early 1950s, blond cabinet, very rare with lampshade, can ship - \$95. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

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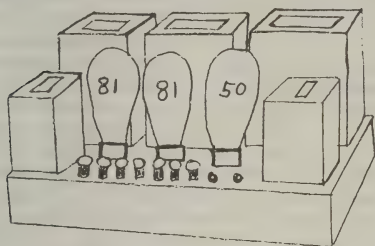
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FOR SALE: Hallicrafters SX-42 parts. Chassis is complete but band changing wafers are bad. No cabinet, no tuning capacitor cover, front panel is nice with green plastic dial covers. Some knobs missing. Clean unit. Will sell all or part out. Loren H. Dudley, 14 Valley Rd., Bath, ME 04530. (207) 442-8419



WANTED: Selectone power supply as shown. Has 2/81 and 1/50 tubes. Willing to pay top dollar. All lends appreciated. John T. Meredith, 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734

FOR SALE: Motorola B1W, GE T142-a, GE 573, Airline GSE 1556D, GE clock radio, RCA 45 rpm phono player (G.O.R., p. 118) - \$20 each plus shipping. Robert Stone, 610 N. Miami, Sidney, OH 45365

WANTED: 1950 clock radio Model 65 by General Electric, in good condition for sister & brother-in-laws 40th anniversary. George Neumeister, 565 Belmont St. NE, Warren, OH 44483-4942. (216) 394-3931

FOR SALE: Valves for sale, new and used European types, all cheap. Contact: A. Cavender, 288 Hexham Rd., Throckley, Northumberland, NE159QX England

WANTED: Old brass bladed fans. Trade for old radios or cash. **FOR SALE:** Zenith Wavemagnet - \$20. Dave Friedlund, 36006 SW Bald Peak Rd., Hillsboro, OR 97123. (503) 628-1439

FOR SALE: AK 55 chassis for Kiel table - \$75. AK speaker #F-4 - \$50. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Earphones - \$6 each. (3) Zenith hearing aids - \$30. Bakelite Stewart-Warner radio - \$40. Wall telephone - \$200. Zenith 6D029 radio - \$50. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

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Note: this guide does NOT contain pictures.

FOR SALE: Deco Zenith 5R312, excellent condition - \$125 OBO. Send SASE for list of bargains. Tony Schroeder, N8SNC, 722 S. Clay St., Delphos, OH 45833. (419) 692-1792

WANTED: Sams AR-1 book. Original Triplett 3444 tube tester manual. Original Tektronix 106 manual. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

FOR SALE: Philco 37690 console, 20 tubes, 7 speakers, 2 chassis, 15 watts audio, PP6B4's, pickup, bids. F. Yonker, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

WANTED: HT9 crystals: LD2 (80 and 160), B5 (40 and 20 doubled), and HF2 (10 doubled). Your price. Donald Hudson, KA1TZR, 97 Southwood Dr., New Canaan, CT 06840. (203) 966-2859

FOR SALE: Red Emerson Patriot Catalin, 1" crack above knob, otherwise perfect - \$800. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Working Atwater Kent 60C chassis - Best Offer over \$100 plus UPS before December. Cecil L. McLaggan, Jr., 2005 Pearl Ave., Albany, GA 31707. (912) 436-8396

SERVICES: Repairs for antique, old-time and modern radios, 6v & 12v car radios. Ken Clarke, 1306 Winslow Ln., Madison, WI 53711. (608) 274-0790

WANTED: A mint Zenith 95-447 power transformer for a Zenith 15U269 chassis. Kent B. Martin, 7803 Butterfield Dr., Elkridge, MD 21227

HELP: Information wanted on Triangle Industries Imperial Model 8U 127 large tombstone table radio with 7 tubes plus magic eye. This is not the Triangle Electric listed in Rider's, which is apparently an Imperial car radio. Ernie Nagy, 1599 Boxford, Trenton, MI 48183. (313) 676-6491

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FOR SALE: Mint Emerson Harmonophone with case – Best Offer over \$200. **WANTED:** Majestic 966 Riviera chassis. Barry McDaniel, PO Box 5544, Little Rock, AR. (800) 755-3326

WANTED: "Mike" radios with WJAR call letters on top. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

WANTED: Unusual, strange, different shaped, tube type radios; also cabinets, knobs, dials, dial glasses. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

FOR SALE: Magazines: Science & Invention 1929, Radio News 1923 & 24, Rural Radio 1930's, Stand By 1930's, QST, Popular Science. SASE for list. Mick Catalano, 317 W. 11th, Mitchell, SD 57301. (605) 996-5925

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FOR SALE: Rare Emerson 2 tube, Model 255. Brown Bakelite. Has partial cardboard back, orig. knobs. Case is very nice except for small crack on bottom side – \$200 OBO. Bob or Tia Trueb, PO Box 127, Indianola, WA 98342. (206) 297-3327

FOR SALE: Radiola III/III-A fans! Long SASE brings free list of available literature: multi-page analytical treatise; emergency use as crystal set; factory authorized updates and modifications; manuals; manual excerpts; professional, enlarged diagram with itemized parts list giving all values; details on WD-11 substitute units; Lots more! WD-11 substitute units – \$11 ea. ppd. David P. Smith, Box 81, Olney, IL 62450. (618) 392-6601

FOR SALE: Heathkit SA2060A deluxe antenna tuner, still in kit – \$219. Heathkit SA2040A antenna tuner – \$169. Zenith U.S. Trans-Oceanic 7000, average working – \$225. RCA 45EY26 Alice in Wonderland Victrola, excellent decals, instructions carrying case – \$125. Guild Teakettle transistor, good, no base – \$55. Pilot T-511, working – \$50. G. Stevens, PO Box 704, Longmont, CO 80502-0704. (303) 776-9036

FOR SALE/TRADE: Zeniths: 5-S-218 cube, needs work – \$75, 6-V-27 oversized tombstone converted to AC – \$225, Pocket radio (black & chrome) with original color display box and battery – \$150, 6-D-311 Bakelite – \$110. Automatic 612X – \$110, Hallicrafters S-19 Sky Buddy – \$75, Silverstone 2 metal – \$40, Admiral 389-55 – \$100, Kadette Jewel (walnut) – \$100, Gloritone 27 (rebuilt/refinished, a fine specimen) – \$175, Emerson CW-279 – \$100, RCA 96T4 wood and chrome – \$100, GE E-101 monster 10-tube tombstone (great machine age styling!) – \$200, GE F-63 Deco tabletop – \$110, Majestic 156 wood "sled," very rare – \$225, Stewart-Warner 9000B chrome & wood – \$75. Transistors: Emerson 555 – \$60, Motorola X29N Flitop – \$50, Gulton Everplay – \$45, Zenith Royal 40 – \$30, Philco NT-600 – \$30, (2) Emerson Hybrids – \$75 both (display or parts), Zenith Royal 500 white & coral – \$125, Herald hybrid – \$110. **WANTED:** Will pay top dollar or trade from my collection for: unusual wood Emersons (under Model #500), chrome grilles, 1933-35 Stewart-Warners with free-form grilles, any Wurlitzer radios. Call or write with description. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

WANTED: Plastic ivory frame around face of Grundig-Majestic 1088, no cracks please. Thanks. Ed Kalpakian, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

FOR SALE: Books, radios parts. Send want list with SASE. **WANTED:** Ham transceiver, six meter FM. Don Weiler, 4641 Kawanee Ave., Metairie, LA 70006



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Classified Ad Deadline Noon

Nov. 10 for Dec. 1992 Issue

Dec. 10 for Jan. 1993 Issue

Box, Ads with Photos & Display Ads - 1st

WANTED: Zenith 7000 Trans-Oceanic. Prefer excellent condition. (Also older models.) Phil Marie, 197 Main St., Niantic, CT 06357. (203) 739-9686

FOR SALE: Dahlberg pillow radio, pink, Deluxe - \$225 + UPS. Polley record cabinet, eject type, mahogany, 36"H, 22"D, 22"W - \$600, pickup only. Victor suitcase Victorolas: VV-2-55, VV-2-60, VV-2-65 - Best Offer + UPS. Four-spring motor for Credenza, VV8-30 - \$90 + UPS. Speaker Ambotone Reproducer, round, 17" across, needs repair - \$60 + UPS. Philco 90, vg condition - \$390 + UPS. Radio, RCA T-10-1, vg condition - \$225 + UPS. 1st generation changer for Victor VE-1050X - Best Offer + UPS. **WANTED:** RCA power amplifier, Model #AP997. Peter Shoemaker, 2150 Forrest, Beaumont, TX 77703. (409) 832-6768, ans. machine after 4th ring, no calls after 6 pm Central please - midnite worker

FOR SALE: But what's it worth? Computer scanned asking and selling prices, many sources, last 12 months. Up to last 9 transactions per model reported. Philco 8 pages. Hallicrafters 3 pages. \$1 each set + SASE to help cover costs. Ron Brillinger, #102 - 1666 Osprey Ave., Naples, FL 33962

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WANTED: (3) BB, TT, UV201A tubes with RCA paper label on the glass; have other tubes or cash for trade. Paul Ernst, 3465 Eddy Rd., Marion, NY 14505. (315) 589-9471

FOR SALE: Belmont tuning knob and screw reproductions now available! Bone or Bakelite - \$22 includes shipping. JM Technical Arts, 30 Music Sq. W. #153, Nashville, TN 37203. (615) 244-6892

WANTED: Delco radio parts, DS501, DS503 output transistors or ECG105, SK3012, 2N442 equivalents, Clarostat and Mallory pots, switches, shaft kits, etc. Any quantities. Send list. Barry Dalton, N7XEP, 196 Kilbom Dr., Grants Pass, OR 97526. (503) 474-2524

FOR SALE: Scott 800B in Chippendale cabinet - \$400. John S. Lowe, 3025 Harpers Ferry Rd., Sharpsburg, MD 21782. (301) 432-2420

WANTED: Have a Stans Number 4811 crystal radio, very good condition and in original box with papers. Would like to trade for a radio of equal value. Would also like any information on this also. Also need glass for Addison 5. John R. Smith, 3824 Dutch Village Rd., Apt. 52, Halifax, Nova Scotia, Canada B3L 4G2. (902) 445-2021, evenings & weekends

WANTED: Convention badge from 1921 ARRL Convention in Chicago. Stancor ST-202-A transmitter. Paul Christensen, 11142 Raley Creek South, Jacksonville, FL 32225. (904) 721-9111, 9 am - 5 pm

FOR SALE: RCA R73 cathedral, vg cabinet, all original - \$150. GE S22C tombstone, vg case, 8 tubes - \$115. Airline T4BR 526A white Bakelite, excellent - \$40. RCA 9T tombstone, 8 tubes, v clean - \$125. Apex cathedral 8A clean, 1931, with 8 tubes - \$200. Radiola 16 vg with 6 tubes - \$95. Musiclock, looks like mini Philco 51, 12" high - \$125. All plus UPS. LSASE for list of 70 more. Walter Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512

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WANTED: Radiola loop antenna parts for Model AG-814. Leonard J. Arzooanian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

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FOR SALE/TRADE: RCA D22-1 (wrong phono) & Stromberg-Carlson 260-L. Johnny Johnson, 2201 Newton St., Denver, CO 80211. (303) 455-3421

WANTED: For Scott Phantom Deluxe, both AM-only and AM/FM versions: cabinet; speaker; wood front plate for use on tuner chassis without cabinet (will pay \$75 if excellent); tube shields. Also want: information on Racion Electric speaker drivers and company; Westinghouse/RCA DA & 2A; case for Westinghouse/RCA RA; variable DC power supply, 0-7 volts, 5 amps minimum. **FOR SALE:** RCA SVP 10A (MI 12199) mono tube low integrated amplifier, ca. 1955, N.I.B., absolutely perfect, used 1 hour - \$190 ppd. Alfred Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270, voice or fax

WANTED: Transistor radios and small toy crystal radios. **FOR TRADE:** Standard Micronic Rubies, Philco T-9. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282

FOR SALE: Emerson BF-204 BC/SW Ingraham cabinet - \$55. Hallicrafters S53A plus manual, very nice - \$65. Zenith G516W white Bakelite (Bunis, p. 712), very nice, no cracks - \$50. Philco 610 tombstone, refinished - \$125. Paul Roche, 7368 Eden Brook Dr., #634, Columbia, MD 21046. (410) 381-0471

FOR SALE: Nathaniel Baldwin cathedral, 4 tubes, 13" high, rare - BO. **WANTED:** Any Troy radio. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

FOR SALE: Grundig Majestic Mod 97 U.S.A. table radio avocado - \$40 OBO plus UPS. James E. Inglett, Rt. 1 Box 206, Midway, AR 72651

WANTED: Knight-kits, Knight-kits receivers, xmitters, hobby kits. Also Allied Catalogs 1932-1935. Jack McCreary, 7783 Wildcreek Trl., Huntsville, AL 35802. (205) 882-0037

WANTED: Wood table model with tuning eye, circa 1940. Ed Denes, 10 Allyndale Dr., Stratford, CT 06497

FOR SALE: Thomas Edison Ediphone office cylinder dictating machine, 3 pcs. - \$100 or the dump. 1928 Kolster Repwood front console, near mint - \$60. QST mags 1931-32-33-34 - \$1 a copy. Admiral 20X1 12" Bakelite TV, good CRT - \$50. Can't ship. GE E61 cathedral cab only, nice - \$25. Guild Country Belle novelty telephone/radio, exc - \$60. Radiotel motel radio - \$25. Operadio drum spkr, small - \$30. (200) used TV & radio tubes, most good - \$20. J. L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229

WANTED: Help! Need manual for Hickok Model 123A tube tester. Gerry Meekins, PO Box 706, Elkton, MD 21922

FOR SALE: Drake R-7 w/spkr, filter R-4B SW xtals - Offer. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

WANTED: Wooden radios with chrome or aluminum grilles & Arvin metal radios. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

WANTED: Iconoscopes and Farnsworth-Dissector for my collection, also other early tubes, working or duds. U. Radtke, Im Fuchtei 143, W-4830 Gütersloh, Germany

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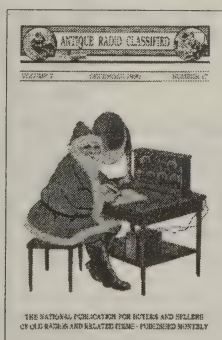
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FOR SALE: Kolster Model 8B. 1920's console highboy, complete and electrified, but untested, cabinet in good condition, pickup only in Cape Cod, Mass. area, asking – \$175. Steve Alpert, 11 Ridgewood Dr., Auburn, MA 01501. (508) 832-3839

WANTED: Western Electric 9A pickup, with or without equalizer and repeating coil; or RCA MI-4875-C vert./lat. pickup with equalizer & switch. Also associated pre-WWII vertical transcriptions. D. G. Piacentini, 12 Joyce Rd., Plainview, NY 11803

FOR SALE: Repwood Crosley Model 77 console – \$150. (3) Philco consoles – \$35-\$100. Philco 49-602, green plastic portable AC-DC – \$35. Other plastic – \$20-\$40. (6) large table – \$40-\$65. (4) tabletop w/ record player – \$30-\$50. 40.5U4.GB, N.O.S. tubes – \$3 ea. All items OK. John Porter, 701 N. Main, Osceola, IA 50213

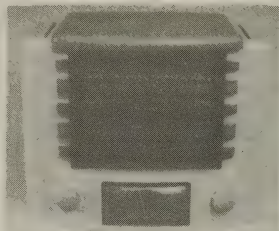
FOR SALE: Channel Master #6512, M.I.B., red, SW, BW – \$45. Channel Master #6511 (Bunis) – \$25. Arthur Kreitner, 2013 E. Belle Ave., Belleville, IL 62221. (618) 233-5610

WANTED: Any early Zenith or C.R.L. items – headphones, original literature – or copies OK. William Wade, 657 14th Ave., Prospect, PA 19076. (215) 534-3477

FOR SALE: Crosley 51, good cabinet, works good – \$125. Nice oak cab. Zenith table radio, Mod G730, looks excellent, not working – \$42. Tubes for AC/DC Fivers – \$2 ea. List at end of Oct. – 50¢ plus SASE. Chet Wisner, 1014 Main St., Dalton, MA 01226

FOR TRADE: Bluebird for Snow White Q236, Mickey Mouse Majestic, RCA San Francisco Exposition and red Hoppy. Only quality sets acceptable, no defects. RCA La Siesta and/or Worlds Fair, also of interest. Bluebird is excellent example. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. (510) 825-6865

FOR SALE/TRADE: Catalin radios, trade/sale, Garod Commander, yellow case/red trim, others. Harvey Matel, 41 Eastmont Rd., Hollywood, FL 33021. (305) 763-5095



WANTED: All plastic models by Kadette in any color combination and any condition. I have been known to pay more than once for the same sets. Act now and avoid the Christmas rush. Please write or call collect. Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Trans-Oceanics Model 8G005YT, fair condition – \$50. Model Royal 1000, excellent condition – \$110. John Hoffnagle, 10 Sunset Ave., New Oxford, PA 17350

WANTED: Radio News, July 1919 through November 1920, with covers. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517



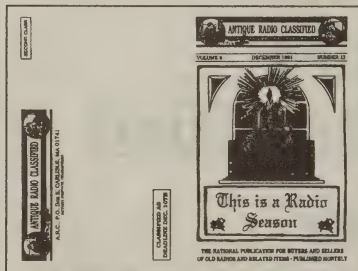
FOR SALE: Early 50's factory H.H. Scott preamplifier (picture shown), walnut case, brass plate, complete – \$45. (4) Zenith wood Z knobs, nice – \$35 for all. Don't forget shipping. **WANTED:** Still looking for the small Conn. Tel. & Elec. single tube (199) amplifiers for Sodian set. Can you help me out? Dave Crocker, 60 South St., Duxbury, MA 02332. (617) 582-2052, before 9 pm please

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FOR SALE: Crosley Playtime grandfather clock radio, excellent original condition, clock and radio work - \$400. Capehart Panamuse 13k2 FM radio-phono console mahogany cabinet, 19 tubes all original and working - \$175. EH Scott 1610 AM/FM Phono Console, good chrome, mahogany cabinet, Jensen Coaxial speaker, paperwork, good working condition - \$175. Zenith 10H571 Spinnet console needs minor veneer repair, original working condition (Blast, p. 286) - \$375. Parting out Philco 37-116, respond with needs. Sams AR 19-141, complete - \$65. Can deliver to November Chicagoland Show. Lee Wells, 19 Summit Rd., Vernon, CT 06006. (203) 872-4303, 7-11 pm Eastern

WANTED: Tuning eye escutcheon for Scott phantom, square with ribs on sides, tuning eye escutcheon and band indicator window for Emerson BU230. Steinite 605 radio-phone (Blast, p. 165). Lyric tombstones SW-88 (Blast, p. 125) and SA 130. Lee Wells, 19 Summit Rd., Vernon, CT 06006.

FOR SALE: Channel Master 6506 - \$25. Hallicrafters S-38D - \$20. Sony 2R-27 - \$30. Dave Pacitto, 40-133 W 4th St., Patchogue, NY 11772. (516) 758-2936

FOR SALE: RCA table radio model X551, very good condition - \$28 plus UPS. A.J. Long, 11830 Heath Rd., Chesterland, OH 44026. (216) 729-8451

WANTED: Blue-glass left side panel and mounting screw for a Sparton 558. Dave Abramson, 1649 Yellow Springs Rd., Chester Springs PA 19425

FOR SALE: Victrola hand-crank portable phonograph - Best Offer. Noel Beauchamp, 1300 S. 58th St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE: Magnificent Fisher console, early 1950s, mono AM/FM w/Garrard 3-speed changer. Receiver is Model K100, was very expensive, Serial #161 of limited production, works perfect, gorgeous walnut cabinet w/doors - \$550 or BO. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

FOR SALE/TRADE: Fada L-56 yellow with bright red trim, beautifully marbled perfect radio. RCA 9X w/grille in highly marbled green, perfect. **WANTED:** Catalin radios. Please call Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

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WANTED: Preset cover plate for Zenith 6S527, (exact radio shown in Evolution, p. 195). Thanx. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

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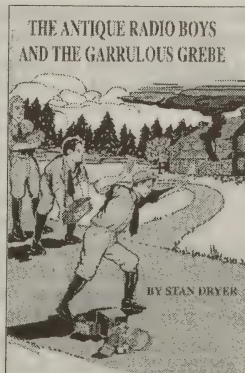
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FOR SALE: Sams Photofact, Numbers 1 to 1100, pick-up only. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., North Royalton, OH 44133. (216) 582-3094

WANTED: Chassis for the following: Philco Model #41-258, 40-140, 40-120. glass dial cover for a Philco Model #37-650X. Dial plate for a Philco 610. Any info on the mfg. of a Musette miniature lowboy approximately 1929 or 1930. Joe Kelly, 537 Stafford Ave., Erie, PA 16508. (814) 459-3910

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FOR SALE: Magazines: Electronics Illus. 7/59 — \$25; Radio, 1937-39-40-41 — \$4 ea.; QST, 4/34 — \$6; CQ, 4/46 — \$5; RCA Good News (8) 1931 issues — \$20 ea.; Cunningham Tubes, 1933 radio stars and station list, copy — \$13. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: Catalin radio Bendix Model 526C, green and black, mint — \$875 or trade for quality pre-1960 cameras. Mike Kramer, 132 N. Alamo Dr., Vacaville, CA 95688. (707) 446-2177, eves.

WANTED: As a collector of micro transistor radios, I am offering top prices for certain models of Standard Microcronic Rubies, Sony micros, plus other micro radios I need that are in excellent to mint condition. I will pay \$125 to \$175 for Standard SR-H35 and SR-H55; \$200 to \$250 for Standard AM/FM SR-Q460F M.I.B. Just to name a few. Victor Visalli, 48 Cedar Ave., Maywood, NJ 07607. (201) 845-0463

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FOR SALE: Zenith 1S634, 1935 large wood table radio, 10" x 32", large black dial, plays good, original except refinished bezel, top condition - \$195. Zenith 602614, 1947 wood table radio, refinished, plays, fair condition - \$40. Bendix 112, 1947 wood table radio, plays very good, plastic Art Deco grille, excellent condition - \$60. Detrola 16355, 1934 wood table radio, refinished, plays good, good condition - \$110. All items plus UPS. Rod Kennedy, 2 Teodora Ct., Moraga, CA 94556. (510) 376-7885

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WANTED: Blank recording discs for home recording. Any literature pertaining to the disc recording industry or home recording. Wax cylinders for early dictating machines. Chisl Chislow, 2947 Ave. V, Brooklyn, NY 11229

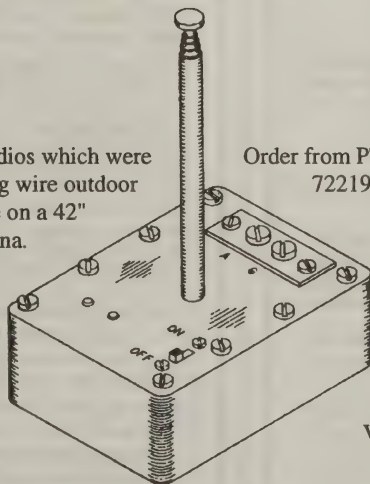
FOR SALE: Heathkit QM-1 Q-meter - \$35. Heathkit HM-102 standing wave power meter - \$25. Both excellent condition. Bill Riley, W7EXB, 863 W. 38th Ave., Eugene, OR 97405. (503) 345-2169

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WANTED: Western Electric candlestick dial telephones. Pete Williams, 1916 17th St. NW, Apt. 414, Washington, DC 20009

FOR SALE/TRADE: Miscellaneous collectible tubes, some good, some display. LSASE for list. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

WANTED: Will pay top dollar for good Sonora RA-1 or Arcturus AC48 Blue tube. Gary J. Formica, 823 91st St., Niagara Falls, NY 14304. (716) 283-2274

FOR SALE: GE Streamliner, Bakelite, 1939 model - \$75. Regency TR5C - \$35. Tom Thumb subminiature tube set #528, N.I.B., TV-10 tube Test Data Handbook - \$10. Freed-Eisemann NR-7 operation instructions - \$1. 1920's QSTs & Radio Broadcast magazines - \$3 each. Green Motorola, late 50's Deco set - \$20. **WANTED:** Pilot radios and parts. William K. Moore, Jr., 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: Schematics for 1951 Westinghouse H350T7, 1946 Airline 74BR-1502B (R.G.A., p. 75), 1938 Packard-Bell 5A. Also someplace where I can buy capacitors and other electronic parts. One television, preferably working, made before 1950. I am trying to start a television collection. Can anybody tell me the difference between the different 1930's plastics and why Catalins are worth so much? Bryan Cowan, 4677 Cimarron Way, Roseville, CA 95746

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FOR SALE: I offer 100% refunds on any item that you are not pleased with. This includes UPS charges on returns! (Offer limited to Continental U.S.A. & packages weighing 35 lbs. or less.) This month I would like to sell some nice chassis, all of which are in good condition but probably need filters and cleaning: Trophy baseball radio, basket case, but chassis is very good - \$50; Zenith 5-S-218 chassis, no rust - \$15; Crosley Fiver chassis, very good condition, no rust - \$10. (2) Hallcrafters early CB's, Models CB3 & CB3A, complete units with microphones, good to very good condition - \$15 & \$17.50. U.S. Army Signal Corps Type MG-4A DC to AC inverter, I believe WW2 vintage - \$25. Silvertone pwr. shifter 139.151, converts AC to DC - \$5. Atwater Kent Model L chassis with Model "N" speaker, chassis dirty but in excellent condition - \$25. Plus a wide variety of radios, lots of literature, & some early parts. Please send a SASE for my five-page list or call after 7 pm Montana time. Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162

WANTED: I need two Philco Model 89 chassis. Also Philco Model 20 chassis. Lester Hobbs, 320 Herman, Ottumwa, IA 52501. (515) 684-6403

FOR TRADE: Last few Paint Cans and Tune-A-Pup, N.I.B. for any novelties or transistors. Call: Don May, 16 Gully Dr., S. Windsor, CT 06074. (203) 644-0258

SERVICES: Victrola Repairi windup phonograph repairs, parts, mainsprings, needles via UPS. Lauman, 8 Sunset, St. Johnsbury, VT 05819. (802) 748-4893, eves.

WANTED: Pre-1940 police radios. Pre-1940 police motorcycle radios. Any literature of early police motorcycle radios. Raymond Miller, 951 N. 1st St., Albemarle, NC 28001. (800) 222-4216

WANTED: 1961 pink Admiral 7-transistor portable radio, Model Y2102, in excellent condition. Send photo! Mike Hanke, 1036 So. 15th Ave., Wausau, WI 54401

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FOR SALE: Tubes—\$3 each + \$1 S&H. Send list of your wants. H. Andreoni, 250-D S. Lyon Ave., Hemet, CA 92343

FOR SALE: Zenith suitcase portable H503, chassis 5H41 (Sams 151-12), works good, looks bad—\$20. Stephen M. Mauck, 428 S. Purdy, Lyons, KS 67554. (316) 257-5582

HELP: I am looking to buy a good quality modern clock radio. Sears Corn Trek II or equivalent is ideal. If you know of a good one on the market I would appreciate contact. Willing to pay a premium price for ideal set. Cleo McAlexander, Box 4, Stanleytown, VA 24168. (703) 629-2972

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WANTED: Horn speakers. Want the unusual, scarcer ones. I have most of the more common. Will buy a comprehensive collection. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

FOR SALE: Portables in good working cond.: 1925 Traveler, blk. leatherette—\$140; Mot. 69L11—\$65; 56L2, red—\$40; 56L3, pink—\$25; Clarion, Warwick (Bunis, p. 116), leatherette w/beige plastic grille—\$25; Knight D162, tan leatherette—\$45; Emerson 340, blk. leatherette—\$25; 568A, cream marbled plastic—\$40; Zenith G503, grey plastic—\$35; 1402R, burgandy plastic—\$35; RCA 3-BX-54, red plastic—\$25. Wood table model farm battery sets with refinished on exc. cond. cabinets: 1939 Coronados 813 w/push buttons—\$60; 953A—\$60; 1939 Silvertone 6359 w/push buttons—\$60; 6356—\$45; 1941 Sentinel 267T—\$60; 1940 Airline 04W6-673B batt. & electric, push buttons missing—\$45; RCA 25-BT-2—\$25; RCA BT6-3 cathedral—\$65; 1936 GE U51, 6-volt cathedral—\$65. Electric sets: Philco 118 tombstone—\$95; Zenith 6S229 tombstone—\$175; 7S529—\$40. (3) German portables: Metz Babyphone 120, Grundig 3-band, & Telefunken 4-band, none play—\$25 for all 3. Dahlberg 49-6 hosp. radio w/pillow spkr., works good—\$50. Conelrad II Conelrad 5 ch. rec. metal case—\$35; Silver-Marshall 2-dial Improved Lab. model long wave receiver, N.T., restorable—\$40; Edison Model 30 cyl. phono with over 50 records—\$395. The following tube type plastic radios, various colors & makes, 50's vintage: (6) clock radios—\$25; (5) AD/DC sets—\$25. All plus UPS. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (612) 356-7601

FOR SALE: Philco Felt Flock kit: base, thinner, flock, and flock gun; white—\$25 + shipping. George Kaczowka, 23 Hillside Ave., Boylston, MA 01505. (508) 869-6376

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FOR SALE: Jade 9-transistor radio. Also other radios. Russell Schoen, E7340 Nietzke Rd., Clintonville, WI 54929

WANTED: For personal project UTC transformers, Western Elec. output transformers, 845 tubes, oil caps. Mike Somers, 741 W. Cornelia, #1A, Chicago, IL 60657. (312) 868-1696

FOR SALE: Original 1938 Zenith color "Christmas" (23 x 33) advertisement, while they last—\$12. Larry Dowell, Rt. 2, Box 17-A, Hurdle Mills, NC 27541. (919) 364-2756

WANTED: Zenith 7S28 or 9S30. Have these chassis to sell or buy cabinets: Zenith 5S29, AK 60 & spkr. Craig Zitterich, 1725 Oak Hill, Corinth, TX 76205

WANTED: Marconi. Thanks to everyone contacting me with Marconi items - still looking. Barry A. Janov, 2454 Dempster, Ste. 416, Des Plaines, IL 60016. (708) 827-1400

WANTED: Capehart parts and literature. Especially need 18" Capehart speaker and play control. Also searching for pink Zenith Royal 500. Thanks. Bob Baumbach, 14332 Mulholland Dr., Los Angeles, CA 90077. (818) 845-7807 (w) or (310) 476-0066, ans. machine

WANTED: Atwater Kent F-4-C and N speakers. Will consider speakers needing recone or repair. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

FOR SALE: LSASE for list of radios, parts, tubes, books, etc. Small cathedral-shaped clock—\$40. Emerson 440 wood Deco set—\$65. RCA tube manual RC-24, 1965—\$10. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. (510) 825-6865



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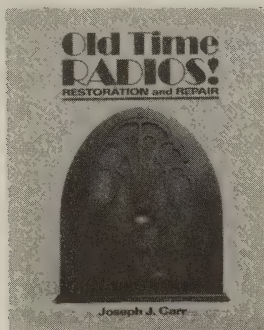
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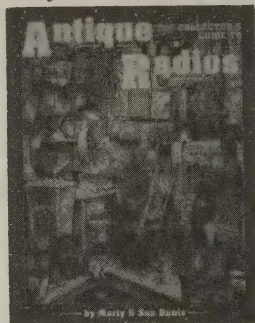
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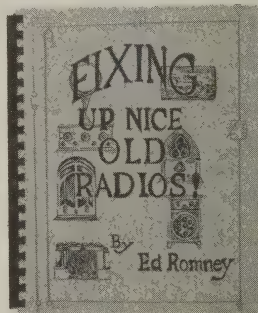
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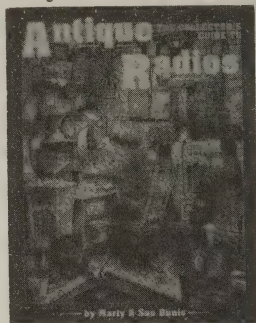
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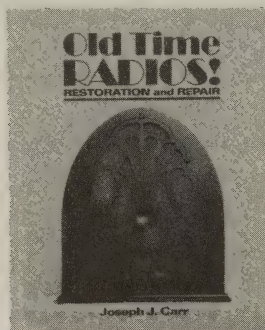
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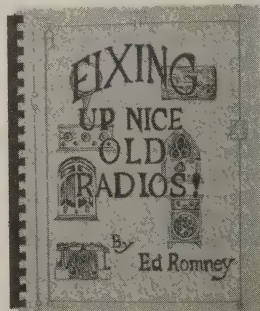
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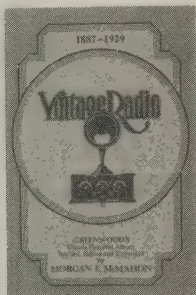
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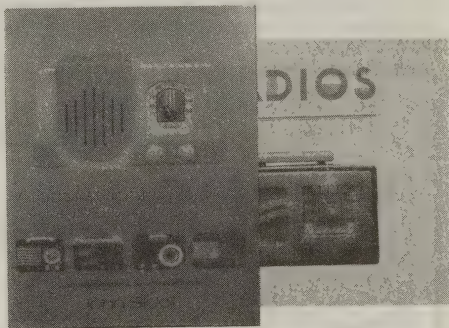
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WANTED: AK Model R horn speaker., dead or alive. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

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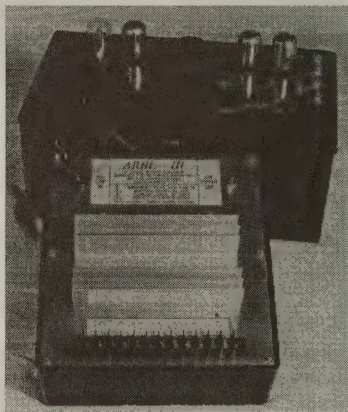
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FOR SALE: Majestic Grandfather clock #15 - \$500. Cathedrals: Pathe, large - \$450; AK #84 - \$430; Philco #20 - \$335; Stromberg - \$400. All mint. List LSASE. Richard L. Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

FOR SALE: Set of 7 service manuals: Belmont, True-tone, Western Auto - \$35/all. Rider Index Vol. #1 to 10 - \$12. AK binder and serv. manuals, orig. - \$35/all. Philco 1928 to 1936 bound Xerox serv. manuals-parts lists - \$27.50. Have old orig. Radiola serv. data from 1920 to 1951 - write wants for price SASE. Rider's Vol. #10 to #13 - \$15 ea. Howard Sams by the bundle. Panel meters, all DC, 2" dia. 0-3v RCA - \$10. 0-6v Hoyt - \$8. 0-10v Weston - \$8. 0-15 Weston - \$9. 0-7v Weston Freed-Eisemann - \$12. Size 2 3/4" or 2 1/2" Weston 0-7, -0-140v, Norden-Hauck - \$12. 0-8v -0-300 -0-600v Weston - \$12. Ware 0-6 -0-120v - \$10. Radio catalogs Lafayette Radio Wholesale Serv. Co. 1933 - \$18. 1935 - \$18. 1940 - \$18. 1942 - \$18. 1941 - \$15. 1947 - \$16. 1948 - \$15. Mont. Ward repo 1922 - \$4.50. Other old catalogs. Lot of 15 Zenith coils - \$25/all. Lot of 8 Zenith dial scales - \$15/all. Lot mixed Zenith parts - \$20/all. Lot of old phono parts: 2 sound boxes, arms, and parts, motor, needle holders - \$40/all. Lambda power units 5.5v to 14 volts 3-amp - \$15. 9.5v to 18 volts 2.5 amp - \$15. Hyperion power unit 0-30 volts - \$118. Test eqpt. as removed from closed up repair shops. No leads, no ins. books. Heath audio gen. A-G-9A - \$8. RCA TMV 134-A audio gen. - \$12. Jackson VTVM 645 - \$12. Jackson cond. tester 650-A - \$20. Heath 214 VTVM large meter unit - \$20. Heath SG-6 sig. gen. - \$15. Heath T-2 sig. tracer - \$15. Heath con. checker C-2 - \$15. Jackson selenium rect. tester 710 - \$10. Eico res.-cap bridge 950-B - \$18. Heath 5" scope Model 460 - \$35. Heath TV sweep and marker gen. Model TS-2 - \$20. TS4 - \$25. Wire gauge - \$8. Brass brush and polishing stick - \$4/both. Lot of 100 assorted dial belts - \$75. Lot phono drive and idler wheels, 45 pcs. - \$15/all. Philco N.O.S. radio TV parts, 15 pcs. - \$25. Zenith N.O.S. radio TV parts, 24 pcs. - \$15/all. RCA N.O.S. parts, 15 pcs. - \$8/all. (6) assd. 45 drop on spindle units - \$10. Phono needles assd. 100 pcs. for - \$75. (11) assd. Mallory supplements data - \$8/all. Know Your Oscilloscope - \$5. Lafayette Radio Catalogs 1966, 1970, 1971, 1972 - \$6 ea. Speaker University 12" dual Model 312 8Ω25 watts - \$35. Electro-Voice 15 BW 14" - \$35. Large Master radio catalogs 1959, 1962, 1968 - \$25 ea. Ham call books 1953, 1956 - \$10 ea. 1970, 1976 - \$8 ea. (2) Newark radio catalogs 1967, 1989, both for - \$12. Tubes early 4-5-6-7-pin tubes in stock, test eqpt. service data, parts, new, used. Min. orders - \$8. All plus handling and shipping. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400

FOR SALE: 21-page list of test equipment manuals used by Collins Radio Company in 50's, 60's, 70's. Some even marked for Apollo moon shot. H.P. - Fluke - General Radio - Dana, Lambda, Tektronics, etc., top of the line only. \$5 and 4 stamps for 21-page list of manuals, Navy Radar. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

FOR SALE: Garod Commander maroon, butterscotch trim - with hairline crack on bottom - \$800. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Vintage broadcast microphones, especially RCA 50-A and early carbon mikes. Pete Williams, 1916 17th St. NW, Apt. 414, Washington, DC 20009

WANTED: Schematic and/or instruction manuals for United Electronics Laboratories (UEL) Model E2" oscilloscope. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

FOR SALE: Philco Model 87 chassis and matching speaker, excellent working condition - Make Offer. Riggs Smith, 7477 W. Nichols Pl., Littleton, CO 80123. (303) 973-8792

FOR SALE: Sams 506 to 1550 - \$3 ea., or \$10/4, plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

WANTED: Manual or copy for Navy RBL-3, Type CWQ-46161-A receiver manufactured by Wells Gardner. Manual or copy for Model DFR-10 direction finding receiver by Apelco (Applied Electronics Company, San Francisco). Jim Wilson, 35 Belgard St., Rochester, NY 14609. (716) 288-0427, eve.; (716) 726-0952, day

FOR SALE: Webster wire recorder, Model 288-1, missing microphone, untested - \$45. CRT tubes 5UP1 & 3PB1 - \$15 ea. Jackson oscilloscope Model CRO, works - \$65. All plus UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (609) 881-0244

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FOR SALE: Cathedral and Deco T-shirts and sweat-shirts. T-shirts - \$13.95 ppd. Sweatshirts - \$19.95 ppd. In M, L, XL, and XXL (add \$1.00 XXL). J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: AK breadboard 3-tube TA unit, need the can only. Bob Nicholson, 3423 S.E. Long, Topeka, KS 66605-2486. (913) 266-9473

FOR SALE: Midwest 816 (1948?) chassis, good condition, 1 push button missing - Make Offer. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

MESSAGE: Was the SCR-518 designed as a radar set rather than a radar altimeter? Don Helgeson, PO Box 3087, Skokie, IL 60076-3087

WANTED: Radio Retailing magazines before 1933. Top prices paid! Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432. (612) 571-1387

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WANTED: Chassis & speaker for Philco Jr. Model 80. Will buy junker. Mike Keller, 609 Westphal Ave., Columbus, OH 43213. (614) 231-3489

SERVICES: Restoring burned out filament 201A tubes into "brand new" working condition. Send LSASE. Jacob Anthes, Box 52, Lutz Rd., Glidden, WI 54527. (715) 264-5004

WANTED: Elements of Radio Servicing by Marcus & Levy. Tube type amps, preamps, tuners, any condition. PA, theater, industrial or home hi-fi. Rick Graves, 4500 Ninth Ave. NE, #300, Seattle, WA 98105-4762. (206) 632-9929

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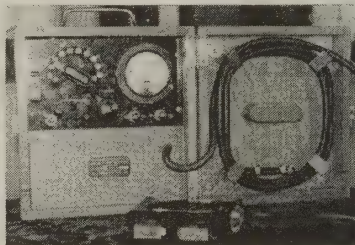
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WANTED: Heathkit test equipment. Signal generator, signal tracer. Lightning Bug, Heathkit hi-fi stuff. Tom Thomson, 1131 Arthur Blvd., Pulaski, WI 54162. (414) 822-8251



FOR SALE: Antique Instrument in nice oak casework for measuring moisture content of lumber for kiln drying purposes. Believed to be 1930's or possibly 1940's. Complete and nice condition. Not tested, requires new dry batteries. Original batteries furnished - \$60. Ellsworth O. Johnson, 364 Coeurdalene St., Spokane, WA 99204. Phone/fax: (509) 838-2161

WANTED: Schematic/tech info on AN/TNH-11(V) audio recorder. Name your price. Jim Cavan, 6 Village Rock Ln., #24, Natick, MA 01760. (508) 699-4406

FOR SALE: Radios, some test equipment and books. Prices reduced 20%. SASE for list. Mike Prague, 40 Loomis Ave., Watertown, MA 02172. (617) 924-6146



WANTED: Fada Catalin radios in any condition or color. I am interested in all models by this manufacturer and am willing to pay more than the other big shots! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Rare Hallicrafters Model 5T, 1936, first of series, not S19, restored to vg condition, SASE for photo - \$110 plus shipping. Ralph Michelson, KG6HW, 4538 Golfview Dr., Brighton, MI 48116. (313) 229-8339

WANTED: Plastic bezel for Silvertone 101.662.2F console. Surrounds slide rule dial and five PB's. Milt Margolis, 6500 Harwood Ct., Springfield, VA 22152. (703) 451-4507

WANTED: Bendix radios wanted, need not work. Call or write: Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

WANTED: A small 10 or 20 micro amp meter with 2 1/4 inch barrel diameter, max. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049-5214

FOR SALE: Laboratory instruments-bridges, decade boxes, meters, etc. Most prewar, wooden cases. Free list. Steve Fick, PO Box 178, Washington Grove, MD 20880

FOR SALE: Belmont 6D111 - \$145. Colonial Globe - \$800. Airline 74BR1502B, (Collins #1, p. 75) - \$50. John Lyle, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: Zenith 7S260, junker OK. Need 49-220 12" electrodynamic speaker; tube hi-fi equipment. **FOR SALE:** Western Electric D-165S73 1mA DC meter. Joseph Gallo, 62-70 Fresh Pond Rd., Ridgewood, NY 11385. (718) 497-5143

FOR SALE: Need tubes or parts for your winter time restorations? Send \$2.00 for Catalog #0692. Over 40 pages of parts, tubes and radio literature. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., North Royalton, OH 44133

FOR SALE: RCA Commercial receiver Model AR77E, (see F.O.S., p. 246), special - \$250 + shipping. RCA coin-operated radio Model MI-13174 - \$50 + shipping. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Right side (facing) coil drawer lock for National CNA-46080 (RAS-5 Series). J. Lisaius, 116 Orton, Caldwell, NJ 07006. (201) 226-7943

FOR SALE: Lots of electronics and literature. SASE for free list. B. Brown, RR 1, Box 50, Valley Springs, SD 57068

WANTED: United Reproducers Corporation, Kyletron Electrostatic (condenser) console speaker. Send photo to please. Allen Ham, PO Box 314, Waterman, IL 60556

FOR SALE: New 12-volt vibrator transformers. See our boxed classified ad. Dan Schulz, Antique Automobile Radio, PO Box 892, Crystal Beach, FL 34681. (813) 785-8733 or (800) 933-4926

WANTED: All you Zenith collectors out there - looking for complete chassis for Zenith Model 210 or chassis Nos. 2012, 2021, 2022. Gary J. Formica, 823-91st St., Niagara Falls, NY 14304. (716) 283-2274

FOR SALE: Novelties: Jet Helmet - \$25; Bert-in-Tub - \$25; Tony Tiger - \$30; Pandas - \$30; Transformer (241) - \$25; Coke bottle - \$25; Sunoco gas pump in box - \$30; Strawberry Shortcake w/wheelbarrow - \$20; Lady Bug - \$10; 60's Cadillac - \$40; Mercedes Benz - \$40; Care Bear Cousins - \$25. Transistors: Zenith Royal 750 - \$50; 780 Navigator - \$45; 755 - \$40; 700 - \$30; 97 Super Navigator - \$50; 760 Navigator - \$40; Sterling mini tubes - \$25; Stantex - \$15; (2) 1940's portable Emerson #558 white, #508 blk. - \$45 ea. **FOR TRADE:** Adam and Eve. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

FOR SALE: J.D.'s Radiowear presents the new Breadboard T-shirt with an AK 3945 breadboard on the front and an AK horn speaker on the back - \$13.95 ppd. in M, L, XL, and XXL (add \$1.00 XXL). J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: 1937 RCA 87T table radio in excellent condition. Jim Coleman, PO Box 2348, Pasadena, CA 91102. (818) 584-4263

FOR TRADE: 9S262 shutter dial needs restoration. For two horn speakers with drivers or one Magnavox A2R amplifier horn combination. Scott Cavalari, RD 8, Box 167, Rt. 94, New Windsor, NY 12553. (914) 561-7913

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WANTED: Rhode Island made radios, parts, tubes, tube boxes, coils, crystal sets, ads. Anything electronic made in Rhode Island. The Rhode Island Collector. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

WANTED: Eimac 300T and 500T. Industrial/special purpose tube manuals or pamphlets. Also any odd or out of the ordinary tube types. John H. Walker Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: New RCA-103 speaker rear canopy fiber cone, repro - \$60 ea. Kenneth Ericksen, 1049 Felspar #33, San Diego, CA 92109-2844. (619) 483-2183, evenings PST

FOR SALE: Two Zenith Trans-Oceanics, black, Chassis 6A40, Model B600, working - Best Offer. Polaroid - \$1. George Greenberg, KD4OBV, 1701 Andros Isle K-2, Coconut Creek, FL 33066. (305) 971-9053

WANTED: A synchronous vibrator, input volts 2.05, frequency 115 for a General Electric 250 radio. Philip Biagioli, 6 South Broadway, Nyack, NY 10960. (914) 358-5722

FOR SALE: Atwater Kent E speaker - \$40. Emerson #602 - \$35. Shipping included. William Egan, 5004 S. Talman, Chicago, IL 60632. (312) 778-6922

MESSAGE: Thanks to all who requested my transistor trader list. I will not be picking this collection up until Christmas. The list should be out around Jan. 1st. Thanks. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5. (519) 753-9049

WANTED: Chassis, esc. & knobs for Sonora E850. Bosch #66 parts. Silvertone 4500 cabinet. **FOR SALE/TRADE:** Pick up only. 10 consoles - \$65-\$450. Atwater Kent, Capehart, Radiola Kolster. Truckload of tube type items. Predicta Tandem - \$350. RCA 721 - \$195. (20) wood & plastic tube tables - \$15-\$95. John A. Myers, Box 98, Wilson, NY 14172-0098. (716) 751-6053

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FOR SALE: Guild 556 Country Belle, 1956, wood, looks like old wall telephone, side crank tunes stations, 2 side knobs; this unit is in excellent condition - \$125. Hallcrafters S120, good - \$25. Heath IP-32 DC regulated power supply 0-400 volts at 100 mA DC, C - 0 to 100 volts at 1 mA, 6.3 volts at 4 amps AC, good - \$45. Sprague Tel-Ohmike Model TO-6 capacitor analyzer, 4 dials, 11 push buttons, meter & eye tube, very good - \$40. Stark VOM made in Canada, range 2.5v-1000v, 100 micro amps to 10 amps, large wood case, lid, handle, 20K ohms per volt, fair to good - \$30. Hallcrafters S38, no knobs, fair - \$20. All units tested and repaired if needed. 100% refunds on any item that you are not pleased with. Mervyn Ellsworth, 2309 N. 25th St., Boise, ID 83702. (208) 345-6878

WANTED: 6500 output tubes, prefer old RCA or Tung-Sol. Dan Wroblewski, 415 41st Ave. NW, Rochester, MN 55901. (507) 282-9601

MESSAGE: Collectors from Japan, California, New Jersey, Austria, Canada, Brazil, thanks for visiting us during the Rochester AWA. Open shop is planned for 1993. Come again, tell a friend. Send us your want list. Ask for our "have" list with 2-stamp SASE. Player pianos for sale. Best regards. Art & Cal, Vintage Radio Emporium, 97 Edinburgh St., Rochester, NY 14608

WANTED: Service books: Rider's Troubleshooters Manual, 1929. Official Troubleshooter Manual or Radcraft Circuit Manual, 1937, 1938, 1939, 1940, 1941, & 1942. Richard Gray, 9181 Chesapeake Dr., San Diego, CA 92123. (619) 560-4162

FOR SALE: Fada 5F60 Catalin all yellow, hairline - \$600. Silvertone 2001 chrome - \$65. Dahlberg coin-op hotel radio - \$65. Truetone 2661, one knob missing - \$35. Fada 652 case, broken - \$35. RCA Little Nipper, wood - \$40. TVs: RCA 8TS30 with external magnifier - \$125. Several wood table model Predictas - \$225-\$325. Philco neon clock - \$400. All TVs and clock pick-up only. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

FOR SALE: Gilfillan Model 118 radio recorder - \$200. RCA 21" TV Model 21T28 - \$100. Gerald Ritter, 1658 W. Buena Vista, Anaheim, CA 92802. (714) 776-9392

WANTED: Philco 53-563, Philco 91 single speaker chassis. Fred Geer, 6042 Brookridge Rd., Jacksonville, FL 32210. (904) 771-7828

WANTED: WWII Japanese transmitter & receiver. Hearing aids with Sub-Mt tubes. Sub-Mt portables: Privatear, Hoffman BP402 & Westinghouse H508P4. Tube portables: Marconi P60B (not HMV1410G), Pye M78F & Burgoyne Playboy. Radiola I, 24, 60 & Special. Magnavox R-2 with 18" or larger bell. B/B & T/T 201 & 201-A, UV199, WE 205D & 216A. Noriyoshi Tezuka, 1-10-7-807 Higashigotanda, Shinagawaku, Tokyo 141, Japan. Fax 011-813-3440-3-8396

FOR SALE: Silvertone 2001 (G.O.R., p. 121), good condition - \$30 plus shipping. Carl Smith, 3203 Route 60, Vermilion, OH 44089

FOR SALE: Wilcox-Gay Recordio Model IC10, mint - \$40. RCA 8R71 - \$40. RCA 46X11 - \$40. Westrad TRF set - \$60. Traver Midget, mint - \$70. Hallcrafters S-38B - \$40. Philco chairside Model 370 - \$200. Majestic Super B current supply - \$40. Home brew 3 dialer - \$45. All plus UPS. Call or write. Dave Wiggert, 1611 Redfield St, LaCrosse, WI 54601. (608) 784-2096

FOR SALE: Sylvania GTE desolder – \$90 or BO. Simpson 460 DVM – \$50. Heath trigger scope – \$40. All products are renewed with manuals. Sidney Goldhor, 2147 Trombas, San Leandro, CA 94577. (510) 357-3788

FOR SALE: WWII military sets, 36-page catalog – \$1 or postage stamps. Sam Hevener, The Signal Corps, W8KBF, 3583 Everett Rd., Richfield, OH 44286

WANTED: Zenith dial glass for 6-S-547. Also used on 7-S-529, 7-S-530, 7-S-558, 6-S-546. Thanks! Brian Thomson, 1710 East 1220 North, Logan, UT 84321. (801) 753-3454



FOR SALE: A 60-page book with dozens of illustrations commemorating Philco's 100th anniversary – \$18 postage paid. Marion Wiczkowicz, PO Box 86, Craryville, NY 12521

WANTED: Metal radios & transistorized owl radio made in 50's. Also Westinghouse Ref radios. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

FOR SALE: Tubes, for a ten-page list, send \$2 in cash or stamps. Royce H. Sweet, RR 1, Box 139, Savoy, TX. 75479. (903) 583-5875

FOR SALE: Principles and Practice of Radio Servicing, Hicks, 2nd Ed., 1943 – \$15. Threshold Signals, Vol. 24, MIT Rad Lab – \$15. The Cathode Ray Tube at Work, Rider – \$12. Allpostpaid, U.S.A. Bob Dennison, W2HBE, 82 Virginia Ave., Westmont, NJ 08108. (609) 854-3301

WANTED: (2) knobs and glass or plastic dial cover. Approx. 3" x 4" for Gilfillan Mod-56A. Don Konecny, 7520 Applewood Ln., Sebastopol, CA 95472. (707) 829-0371

FOR TRADE: Hallicrafters receivers Models SC-99, S-85, S-120, S-210, CB-3A, National NC-77SX, for Hallicrafters Models SX-43, S-47, S-51, SX-24, S-27, SX-23, S-80. **WANTED:** Cabinet for S-36. All above need not be perfect but would like them to play. Loren H. Dudley, 14 Valley Rd., Bath, ME 04530. (207) 442-8419

FOR SALE: Western Electric 728B loudspeaker, with original sales brochure; University T-202 tweeter; several pieces of Macintosh sales literature – \$150 for the lot. Jim Battenhouse, 24071 Elm Rd., N. Olmstead, OH 44070. (216) 777-0884

WANTED: Schematic for Model T-457 Ultra-Electric, Great Britain. Also: 1934 Shadow Graph bezel for Model 45 Philco. Kenneth Wagner, 7115 SE 262nd, Gresham, OR 97080. (503) 663-6852

FOR SALE: 1-SP-600. Also 1-HRO-50 with full set of coils. Both in good to mint condition. Plus shipping. Make me an offer. Kenneth Hunt, 3407 Wisconsin St., Anchorage, AK 99517

FOR SALE: Tubes, hundreds new & used, some rare – \$1.25 ea. + UPS. LSASE. Jeff Knowlton, 115 Forest View Dr., Hendersonville, TN 37075. (615) 822-0925

FOR TRADE: I'm looking for European collectors to trade radios. Argirios Adamidis, SV2DV, 19 Kampouridou St., Panorama, Thessaloniki, Greece, T.K. 552 36

WANTED: Tuning dial knob for Zenith Model 5G03 (Bunis, p. 164). Manuals for Concord 880, Akai M-7 tape recorders. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-6040

FOR SALE: Sams Photofact Auto Radio Service Manuals, total 98 books, 18 to 115 – \$270. Rollow Radio Repair, HCR 63, Box 885, Jay, OK 74346. (918) 786-4514

FOR SALE: AK Mod 40 includes tubes, good condition – \$60 plus UPS. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

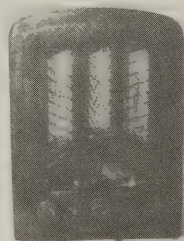
WANTED: Top cash paid for teakettle radio. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (403) 434-6257

FOR SALE: Radios/misc., SASE list. Also: CB Times liquor bottle, #185 Heritage china (c) 1976. Best offer by 30 November 1992. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614

WANTED: Junker E.M.C. resistance, capacitance bridge in circuit checker. I need the transformer from it, must be good transformer. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198

WANTED: Knight-kit Ocean Hopper, Jupiter 6 transistor shirt pocket radio, Heathkit GW-11D CG, and TeCraft Falcon CB. Mike Russ, WA6NGF, 20147 Rd. 192, Strathmore, CA 93267. (209) 568-2713

FOR SALE: Test equipment, Precision 920 tube and set tester, Precision 612 tube tester. Jackson 640 test oscillator, Philco 7001 EI. Circuit Master-(VTVM etc.) Kirby flyback tester. Supreme Inst. 562 Analyzer. All like new condition. R. Brokloff, Box 811, State College, PA 16804



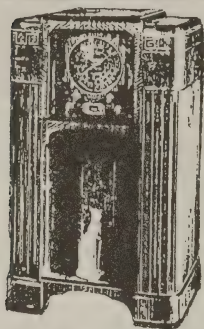
WANTED: Emerson Catalin Models BT245, AU190 (pictured), 375, 564, and AX235 in any color combinations, perfect or parts condition. Please write or call collect: Rain Butignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Belmont 5D128 good original – \$145. Stewart-Warner 9187, dark pink, exc – \$75. Blackhawk SW/BC streamlined, paint chips – \$65. Silvertone 8210 brown portable, N.I.B. with papers – \$40. Small unusual Sampson table fan, ornate with rubber blades – \$45. Mitchell 1256, green portable, vg – \$40. Will trade any of the above for trans. radios. Russell King, 10 Home Ave., Terre Haute, IN 47803. (812) 235-0698, evenings

WANTED: Philco 70 chassis. Clarion 80, 81 or 85 chassis. Radio drama transcription discs. Merrill Mabbs, 709 Pluma Dr., Rapid City, SD 57702. (605) 342-4090

FOR SALE: Russian OKEAH 209 shortwave portable, excellent condition — \$100 UPS ppd. Gary Redfield, 214 Bailey Rd., Crystal City, MO 63019. (314) 933-0542

FOR SALE: Philco 49-501, brown — \$250 or BO. Emerson 520 with gold dial, (like Sideli, p. 60 left), excellent condition — \$225 or BO. Ward Eaton, 184 Sawyer Dr., Owego, NY 13827. (607) 687-1102, week nights after 6 pm

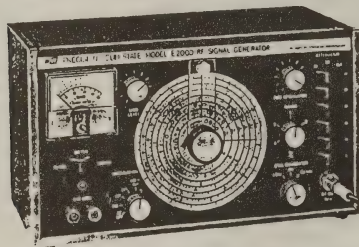


WANTED: Zenith 25-tube Stratosphere. I will pay top price for the set pictured. I will also pay a large finder's fee for any tip that leads me to securing this set. Also searching for a 16A63 Stratosphere. Martin Blankinship, Box 157, Lecompton, KS 66050. (913) 887-6681

FOR SALE: Cathedrals: AK 84, Philco 71, 20, 60, 84B, also many other old radios. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

WANTED: Contact with anyone owning a Scott Special communications receiver. I am interested in documenting this receiver. Please refer to the October OTB article. Also I am very interested in Selectone products; i.e. transformers, power supplies, coils, and capacitors, etc. If you have a Selectone product or a Worlds Record Radio, please contact me. John T. Meredith 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734

FOR SALE: Military-PP-112/GR, DA 64/AUP, Army receiver R-278 (multichannel). Civilian: plastic Silver-tone 7166-7, Silver-tone (old) 101.590, Sylvania 519 tt plastic, Wollensak tape recorder, Wharfedale HS-CR3, RCA tabletop wood 66X3 superhet, and other odds-ments. Send a buck, to help with my Xeroxing, and LSASE for list and photos. John Strattan, 701 Waterson Trl., Middletown KY 40243-1852



FOR SALE: B&K E200D solid-state RF generator, 100kHz-216MHz, calibrated output, crystal markers, manual, vg — \$95. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27576. (919) 936-3000, evenings

WANTED: For Canadian Philco, Model #217, 1.4 volt battery radio a slide rule dial 7 3/8" long x 2 1/4" wide. Ernest D. M. Yeaw, RR # 3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

WANTED: Chairside style radios, pre-WWII, any brand. Dave Ott, PO Box 520, Leesville, SC 29070. (803) 532-5788, anytime

FOR SALE: Complete set Rider's TV/transistor radio service manuals, Vol. 1-27 — \$150. John Cushing, 3605 Overhulse Rd., NW, Olympia, WA 98502. (206) 866-4905

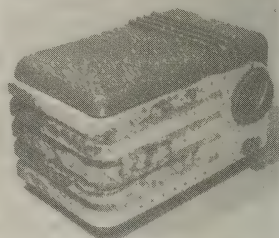
WANTED: One chrome shield top for a McMurdo Silver Masterpiece VI. Also dial insert for an E.H. Scott AW23. Mike Clark, R.R. 2, Box 90, Franklin, IN 46131. (317) 738-4649

FOR SALE: Free list of current price guides and color picture books on jukeboxes, Coke machines, pinballs, radios. Send SASE. Jukebox Collector Magazine, 2545 S.E. 60th Ct., Des Moines, IA 50317

WANTED: BC-654 (SCR 284 set), prefer good condition. Also, any accessories for above radio. Thanks. Andrew Miller, 787 Fairfax Dr., Salinas, CA 93901. (408) 753-2505

WANTED: Picture tubes and CRTs old or new. I would also appreciate any magnetrons. Jonathan Tomshine, 2452nd Ave. SW, Oronoco, MN 55960. (507) 367-2195

FOR SALE/TRADE: S-38C and Eico DX718 receivers and GE tube tester. Les Mathews, KD4RAT, 8908 Tar Hill Ln., Orlando FL 32836



WANTED: Detrola (pictured), Kadette, RCA, Silver-tone, Air King - and everything beyond and between - plastic radios for the 30's in any condition. I am currently outbidding myself on radio purchases. Please write or call collect: Rain Buttignio, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR TRADE: Stunning original blue Neutrowound receiver along with awesome original Neutrowound speaker. Trade for nice Scott battery set or will consider trade for nice prewar Scott. **WANTED:** E.H. Scott radios and any literature for my collection. Call me for an opinion on your Scott. Also want old Vogue 78 rpm picture records. Member of the EHSBS. Craig Korpak, 9130 Silver Lk. Rd., Linden, MI 48451. (313) 735-7264

WANTED: Tubes, EL 12, UM11, EM85, chassis for Philco 77 and speaker, any European table radios. Ross Hochstrasser, 162 Beulah St., Whitman, MA 02382. (617) 447-9104, 24 hrs.

WANTED: These wide band RF transformers; Acme Type R-3 (need 2), Acme Type R-2. George A. Freeman, WDI, 102 E. Main St., Madison, IN 47250. (812) 265-6878

FOR SALE: RCA 3-RG-81 battery, works. Motorola AC/DC 5P31A, works. RCA 8-BX-7J, doesn't work — \$18 ea. Wayne Himel, 5230 August Ave., Manero, LA 70072. (504) 348-4076

WANTED: Anyone rebuilding IF transformers or has a good IF #119-6245 from RCA Model 3VF405. Charles Newman, 1117 Logan Rd., Wantagh, NY 11793

WANTED: Escutcheon and dial glass for Philco Model 41-260. Similar to Model 41-235 in Bunis 1st edition, p. 112. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

WANTED: Working Aeriola Junior and/or Senior. Crosley Pup, V, 50, 51, 52 table models. Dick Kowalski, KB8MR, 32823 Gloede Dr., Warren, MI 48093. (313) 294-6831

FOR SALE: Had 154 requests last month for latest list, over 175 radios, TVs, test equipment, misc., SASE please. **WANTED:** Crosley 11-101U knob. Dennis Smith, KN8H, Box 113, Trenton, MI 48183

FOR SALE: National AGS Superhet, rack mount with 15 coils, power supply, good condition - \$1,000 plus shipping. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

WANTED: Concentric knobs (tuning, volume) for Radiola 44, also American Beauty 2-dialer schematic. John Martin, 1133 Las Cruces Ct., Ridgecrest, CA 93555. (619) 375-7747

FOR SALE: #UX-199 tube and carton, filament good - \$10. Philmore #337 crystal set & Trimm Rex headset in original boxes - \$35. N.I.B. Philmore #500 Junior microphone - \$45. Pristine, Japanese owl transistor radio (Breed, Plate #219) - \$60. Zenith Royal #275, clean, plays weakly - \$20. Custom TR301 2-transistor set, clean, original box - \$20. Rare, old, novelty champagne bottle tube radio (Collins, Golden Age, p. 17) - \$250. Clean, chrome, 4" diameter Philco extension speaker, logo on grille - \$30. All plus UPS. Clarence Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

WANTED: From the '50s, Radio Engineering Labs (REL) FM (88-108MHz) broadcast quality tuner. I recall they made a couple of models called thermo-cube design, vacuum tube. Frank Savell, 238 Fountain St., Framingham, MA 01701. (508) 872-1036

AUCTION: Radio and phonograph auction, Sunday, Nov. 1, 1992, 11 am. Eric's Auction House, Olney, Ill. Third Annual Auction includes Catalins, Bendix Mod. 526, DeWald Harp, consoles including Zenith 9-S-263 shutter dial, Jackson Bell Peter Pan cathedral, Majestic Melody Cruiser, Radiola 25 w. loop, Edison Home, Ambrola 30, also upright Victrola, Pathe, etc. Many others including cathedrals, tombstones, battery radios, crystal sets, plastic & wood table radios, novelties, transistors, speakers, Rider's radio manuals, tubes, magazines, TV sets, console radios, test equipment and much more. This is a small partial listing. Auction to be held inside located on Rt. 130 one-half mile north of Rt. 50, Rt. 130 intersection. Contact: Eric Brunner, Auctioneer, at (618) 392-2343, or Gary Staley, 641 W. 7th St., Flora, IL 62839. (618) 662-7074

FOR SALE: Mickey Mouse radio, Emerson, Model 411, pressed wood, near mint condition - \$3,000 or best offer. Carol Degitz, 10529 Coldwater Rd., Fort Wayne, IN 46845. (219) 495-9725, (219) 637-3639

WANTED: Movie for Airline movie dial set. Paying \$35 for Stromberg-Carlson speaker # P-27385 for Model 240-R Philco chassis and speaker Model 38-10. Jim Berg, 4261 Wilcox Rd., Box A, Northport, WA 99157. (509) 732-6155

WANTED: Service info for: Hallicrafters S40A, Telefunken Adagio 53, Navy type CHC-46140 receiver. George Stringe, 3075 Moorhead Ave., Boulder, CO 80303. (303) 494-9261

FOR SALE: SASE for list of misc. items. Send me your wantlist. Merrill Bancroft, 169 South Row Rd., Townsend, MA 01469

WANTED: Heathkit UA-2 or AA61 amplifier. H.H. Scott 330 and 333 AM/FM tuners, all versions, working or junkers. H.H. Scott brown knobs, smooth with brass ring. John Byrns, 4390 N. Cottonwood Trl., Hoffman Estates, IL 60195. (708) 202-1394

New Wireless Pioneers Books, Magazines, Literature Bought and Sold

New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

Pre-1900 Electricity
Pre-1925 Radio or Wireless
Pre-1950 Computers

Pre-1900 Telegraphy
Pre-1940 Television
Early X-Ray

Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus - Radio-Related Novelties and Advertising - Early Vacuum Tubes and Electrical Devices.

Some items available in other technical subject areas also.

Several catalogs featuring items for sale are published each year.

New Wireless Pioneers - Jim & Felicia Kreuzer

P.O. Box 398, Elma, NY 14059

(716) 681-3186

FOR SALE: Ozarka cathedral Model 94. All white with gold trim I believe it to a factory finish, absolutely beautiful. Will trade for crystal sets, what have you? Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: Majestic Model 60, nonworking, cabinet excellent - \$130. Atwater Kent Model 70, working, needs drive, cabinet excellent - \$100. Philco Model 96, nonworking, cabinet good, speaker cloth ripped - \$60. Zenith Model 10A1, working, cabinet needs refinish, drive belt gone - \$40. Motorola Model 68L11 portable AC/batt., needs 1S5 to work, case good - \$45. Zenith brown Bakelite Model J615Y, works, case excellent - \$45. Kolster Model K21, nonworking, no speaker, cabinet needs refinish - \$90. Hallicrafters Model S38, working, needs drive belt for band spread - \$60. Speaker, square-type, American Reproducer Co., cabinet needs refinish - \$40. Vincent Carnard, RD 1, Box 153B, Valley Falls, NY 12185. (518) 753-4732

**HAVE YOU MOVED? ARE YOU MOVING?
PLEASE NOTIFY US A.S.A.P.
SEND US YOUR...
OLD ADDRESS
NEW ADDRESS and
SUB #
MANY THANKS!!!!**

WANTED: Realistic DX160 and DX302 general coverage receivers. C. Lozano, 413 Western Hills, Coralville, IA 52241. (319) 645-2802

FOR SALE: Lepel circa 1935 diathermy machine in mahogany cabinet - \$150 OBO. Schaeffer Symphonic player piano, poor - \$150. Both items pick up only. Ed Monson, 1148 N. Wood Ave., Florence, AL 35630. (205) 764-2121, days; (205) 767-0716, eves.

WANTED: Good RCA CT100 chassis, flag for RCA 44, early studio TV camera. Neil Dorfman, 7028 Clements, West Bloomfield, MI 48322. (313) 661-8770

FOR SALE: Heath HX-1681 transmitter, no power supply, excellent - \$85. Meissner signal shifter with about 80 coils - \$75. SW3 dial - \$30. William Ernst, 1619 Campbell Rd., Comins, MI 48619. (517) 848-5002

FOR SALE/TRADE: Emerson 540 ivory, for 888 Explorer in red, black or white or - \$225. Musicaire, super bright yellow plastic, late 40's to early 50's?, trade or - \$125. TeleKing RK-41A, marbled brown and black - \$50. DeWald G-404, ivory with red knobs, small hairline on grille - \$60. GE 404, marbled maroon & black, small chips - \$50. Federal oriental, front pulls down to reveal radio, vg - \$75. Transistors: GE 820A, 821A - \$35 both. Futura, speaker is earphone - \$30. Rod Stidham, 4011 So. 286th, Auburn, WA 98001. (206) 854-4874

WANTED: National SW-4 for cash plus my SW-3. Harvey Radio Labs FT-30 xmtr (F.O.S., p. 257) for cash plus reward. Also to complete collections need lightning arrestors, aerial eliminators, & large or unusual neon lamps. Please write on manuf. & price. Also need Type UX210 or 10 tube. Robert Enemark, W1EC, Box 1607, Duxbury, MA 02331

FOR SALE: The Vail Correspondent: the key collectors' quarterly journal, published by W2IMQ, sample issue - \$2. TVC, Box 88-A, Maynard, MA 01754

FOR SALE: Atwater Kent Jolly Dancer figure, original printing, vg condition with some foxing - \$135 postpaid. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Philco 37-620 tombstone - \$110. Crosley 855 tombstone - \$100. Miracord XA-100 TT - \$65. Crosley 10CE - \$30. Crosley D6-25N - \$95. Admiral SA33 - \$25. Zenith Y615-G - \$45. N.O.S. Utah & Jensen 12" spkrs - \$40 ea. Hallicrafters, 3-piece system receiver, amp+ R-46 spkr - \$125. Precision test equipment - \$75/all. **WANTED:** Stereo tube equip. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

TUBES WANTED

We need the following tubes to replenish our stock (first digit on 3 digit types is optional). You may ship your tubes to us by UPS or Parcel Post. We'll mail our check upon receipt and testing of tubes. We pay prices shown plus shipping charges. We buy all types of receiving and transmitting tubes. Send us your list for our bid.

USED GLOBE OR BALLOON SHAPE TUBES - ALL MUST TEST GOOD

WD-11*.....	\$35.00	184.....	\$ 6.00	227.....	\$ 1.50	250.....	\$30.00
WD-12*.....	20.00	UV-199*.....	10.00	230.....	5.00	256.....	6.00
WX-12*.....	12.00	UX-199*.....	9.00	237.....	6.00	280.....	7.50
112A.....	8.00	200A.....	6.00	240.....	6.00	281.....	7.00
120*.....	10.00	UV-201A.....	6.00	245.....	13.00	282.....	7.00
171A.....	6.50	UX-201A.....	6.00	246.....	7.00	403 KELLG.....	15.00
183/483.....	6.00	210.....	10.00	247.....	6.50	*Tubular	

USED ST SHAPE TUBES NEEDED

2A3.....	\$ 9.00	6C5G.....	\$ 1.50	10.....	\$ 4.00	47.....	\$ 3.50
6A5/G.....	7.50	6F6G.....	2.00	12A.....	5.50	50.....	25.00
6B4G.....	6.00	6J5G.....	2.00	45.....	8.00	82.....	3.00

NEW TUBES URGENTLY NEEDED

O1A(ST).....	\$7.00	6A3.....	\$9.00	6L6G.....	\$2.50	45.....	\$15.00
2A3.....	15.00	6A5/G.....	7.50	10.....	6.50	47.....	7.00
2A5.....	2.50	6B5.....	6.00	12A.....	8.00	50.....	30.00
2B6.....	5.00	6F6.....	3.00	37.....	2.50	71A.....	6.00
5AR4/GZ34.....	5.50	6F6G.....	3.00	42.....	6.00	82.....	5.00

ANTIQUE ELECTRONIC SUPPLY

6221 S. MAPLE AVE., TEMPE, ARIZONA 85283 PHONE (602)820-5411 FAX (602)820-4643

WANTED: Radios by Giblin Radio or Standard Radio & Electric Co. Will pay \$1,000 for this receiver, detector and 2-stage amp (3 piece). Must be complete. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

WANTED: Stereo tube gear & spkrs. McIntosh, Marantz, Altec, Dynaco, Scott, Heath, Fisher, Acro, Brook, Jensen, RCA, JBL, E.V. & Tannoy. Audio power tubes KT-66, KT-77, KT-88, 6CA7, 6550, EL-P4. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

FOR SALE: Hallicrafters S-39 Sky Ranger, RE-1 Sky Courier, both mint. C. Lozano, 413 Western Hills, Corallville, IA 52241. (319) 645-2802

FOR SALE: Riders TV Manuals Volumes 1 to 10, good to vg condition - \$40 plus shipping. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

WANTED: Philco 90 cathedral cabinet, w/wo speaker. Jim Cook, 1446 Reymond Rd., Columbus, OH 43220. (614) 459-3892

FOR SALE: Metal, miniature-portable record player, cute, knickknack - \$15. Salt & pepper set, looks like radios, like new - \$22. Console TV salt & pepper set - \$22. Small chromed Philco satellite speaker, needs cord - \$55. Bakelite microphone, has clothing clip, cord & plug, exc - \$50. RCA Victor, 45 rpm record player - \$60. All sold as is. Buyer assumes all responsibility. All postpaid. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

FOR SALE: Silvertone Model 4212, metal midget, w/ leather trim and leather case, w/straps vg - \$65. Send \$1 and SASE for large list, refundable with order. James C. Schulz, 2812 Lagrange St., Toledo, OH 43608

WANTED: Cathedrals. Fax type and price including shipping costs to: Italy +131 235854. Live Music Studio, Via Righi 3, 15100 Alessandria, Italy

CATALIN RADIOS

In the past year I have paid:

- Over \$10,000 for a bright red Emerson AU190 Tombstone.
- Over \$10,000 for a Fada model 188 Patriotic Series L-56 with a yellow case.
- Over \$10,000 for a Fada model 188 Patriotic Series L-56 with a blue case.
- Over \$5,000 18 times for other Catalin radios.

Who should you call
when you have one to sell?

You make the choice.

Michael Lawlor
P.O. Box 179 • Santa Barbara, CA 93102
805-682-2336

FOR SALE: 1934 RCA 711 lowboy - \$55. 1938 Stromberg-Carlson 405-H wooden table with push buttons - \$70. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711

FOR SALE: GE trans. radio Model #P-808H - \$20 shipped. Jerry J. Schaefer, 932 No. 4th St., Grand Forks, ND 58203. (701) 772-2991

WANTED: 50's-60's Fender, Gibson, Vox low power amps. Also N.O.S. 7308 tubes. Jeffrey Korneff, 111 Thornberry Dr., Pittsburgh, PA 15237. (412) 486-9135

WANTED: Hoffman Nugget, Motorola Pixie; Motorola transistors (56T1, 66T1, 7X23, 7X24, 6X39). Steven D. Martin, 8625 E. Bellevue Pl., #1023, Scottsdale, AZ 85257. (602) 947-2853

FOR SALE: Emerson Catalin, green (190), damaged - \$650; #190 yellow, as is - \$850. Emerson AX-212 - \$225. Atwater Kent Model #337 - \$250. Philco #38-60 - \$200. (3) 40's TVs - \$150 ea. Lg. dial Zenith Model ? - \$150. Lg. Zenith cabinet, exc - \$100. Philco #46-1226 - \$175. Emerson Radio DM-331, exc - \$150. 1932 Seeburg jukebox, Selectophone, exc orig. - \$2,400. National Cash Register brass exc Model 313 - \$850.

WANTED: Old 40's-50's jukebox speakers or parts/pieces? Anything jukebox, or jukebox advertising? Free photo w/SASE. Cajun Jukeboxes, Box 645, Washington, LA 70589. (318) 826-3511

WANTED: BC-AA-191 and pre-1940 aircraft and airport radios, instruments, etc. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

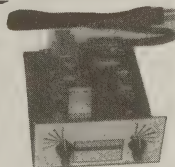
FOR SALE: Custom-molded plastic knobs. Send knob to be duplicated with make and model plus \$8 each for solid color, \$12 each for imitation wood or Catalin. Also, custom-formed plastic dial lenses. Send old lens if possible, tracing of lens opening with make and model plus \$15 for each lens to: L. W. Terrell, 7109 E. Arbor Ave., Mesa, AZ 85208. (602) 830-7849

NEW

Battery Eliminator Kits

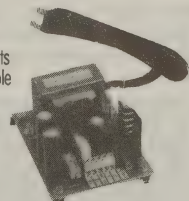
A-B "BENCH TOP" SUPPLY

- Powerful 3 Amp variable "A"
- 12 different "B" and "Cs" (160V diff.)
- Precision Variable "C" (0 to -22V)
- Antenna Ground
- Vernier "A" and "C" controls
- Labeled Terminal Block Hookups
- Fully Protected Outputs
- Fully integrated



A-B "FARM SET" SUPPLY

- Variable "A", 1.8 Amp, 1.25 to 4 Volts
- or 1 Amp, 1.25 to 8 Volts configurable
- "B" Output, 90 Volts @ 25 mA
- Antenna Ground
- Labeled Terminal Block Hookups
- Compact 3.5 x 4.2 x 2.5 inches
- Fully Protected Outputs
- Fully integrated



Assembly in 1 hour. A-B Supply \$39.95, A-B-C Supply \$79.95. CALL 1-800-299-3005 PEPTRONICS. Discount in quantities. Distributors wanted. Peptronics, 103 Ria Villa Drive, Punta Gorda, Florida, 33950, VISA or MC

FOR SALE: Hallicrafters S-40A, 9-tube, 540kHz-43MHz, restored, repainted case, stripped down and thoroughly cleaned & realigned - \$150 plus UPS. Hallicrafters S-38C, 5-tube SWL radio, 540kHz-32MHz, cleaned, 3 tubes new, realigned, very clean - \$60 plus UPS. Frank Savell, 238 Fountain St., Framingham, MA 01701. (508) 872-1036

WANTED: Ivory colored plastic grille panel and one knob for an Emerson 520. Gary G. Redfield, 214 Bailey Rd., Crystal City, MO 63019. (314) 933-0542

FOR SALE: Jensen 11-inch Dynamic speaker - \$50. Amp w/P-P 6V6 - \$20. Steve Imms, 51a Old Shannock Rd., Wakefield, RI 02879. (401) 783-5387

WANTED: Front lid for Zenith Trans-Oceanic Clipper 7G605. Also schematic. Walter E. Johns, 40 Swarthmore Rd., Wellesley, MA 02181-6609. (617) 237-9277

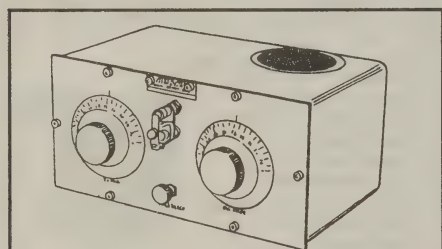
FOR SALE: Philco 46-200 - \$30. Traveler, NM, small, white printed Bakelite - \$35. Zenith 5D011 - \$45. Westinghouse H417T5 - \$35. GE Musaphonic, NM - \$35. RCA 8R71 - \$50. Allied Radio Data Handbook, 1943 - \$10. Radio Bargain Catalog, 1935 - \$18. Booklet, What to Look for When Buying a Radio, RCA, no date - \$20. Postage extra. R. C. Moore, 452 West Park Ave., Aurora, IL 60506. (708) 264-0428

FOR TRADE: 1920 CRL Paragon tuner, Serial #374. Want Cuttings & Washington, Paragon, Amrad, Grebe, etc. - that I don't have. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

WANTED: Zeniths, all types. Send description, price, condition. Must be complete. Harvey Leners, 5426 So. 185th, Omaha, NE 68135

WANTED: Heathkit ham gear; SB-500, SB-600, SB-610, SB-620, HM-2102, pre-1970 Heathkit catalogs. Ron Lawrence, KC4YOY, PO Box 220094, Charlotte, NC 28222-0094. (704) 289-1166

FOR SALE: German radio, Emud T-7, AM, FM, SW, tuning eye tube, very good cond., not playing - \$50. Joseph Gambaccini, 192 Division, Shelton, CT 06484. (203) 924-0271



WANTED: Pre-1926 radios by AMRAD. Also, Amrad radio parts, accessories, and literature. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

CAPACITOR REBUILDING - Wet or dry, round single cans \$10. postpaid return. (price starting Nov. 1st). We will do rebuilding of any flat, rectangular, etc. canned capacitor. Twist-Locs @ \$10. to \$15 postpaid. Wanted: to buy single round wet cans, 1-3/8" diameter for \$2. each plus shipping. Everett Hoard - Frontier Electronics, 403 S. McIntosh St., Lehr, ND 58460. Phone 701-378-2341 ans. machine on 4th ring.

WANTED: For McMurdo Silver Masterpiece III & VI: power supplies, speakers. For Masterpiece II, speaker. George C. Harris, 3212 36th St., Lubbock, TX 79413. (806) 795-5604

WANTED: IERC tube shield S tube sockets 9-pin ceramic plate, Silver contacts. Hsien Wen-Hwa, 4F No. 402, Hoping W. Rd., Sec. 3, Taipei City, Taiwan, R.O.C.

FOR SALE/TRADE: New concept, video catalog, see over 200 items from breadboards to transistors on VHS video, includes TVs, ads, books, mags & early components, updated monthly, exchange program - \$6, covers cost of high quality T120 VHS tape + postage. Sonny Clutter, 14407 N.E. Fremont St., Portland, OR 97230

WANTED: IFs and OSC coils for Radio Receptor Superhet (RECEPTRAD). Don Patterson, 636 Cambridge Rd., Augusta, GA 30909. (706) 738-7227

FOR SALE: Miscellaneous parts, radios. Business SASE. Many Photofacts, other schematics - \$2 for lists. Jack Tiggelman, 2782 Floral Dr., Zeeland, MI 49464

— WANTED —
PICTURES FOR PHOTO REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR
ADDITIONAL INFORMATION

FOR SALE: Shure 55S microphone; Shure A88A grip switch, original box - Make Offer. James Stueber, 8920 Lexington Ave. NE, Albuquerque, NM 87112. (505) 299-2414

FOR SALE: Fada 175A Neutroceiver - \$150. Westinghouse H337T5 - \$35. Zenith Consoltone 5D011 - \$35. Zenith A508R - \$20. Zenith 53 - \$150. AK 40 in Pooley desk cabinet - \$300. AK 30 - \$130. RCA Radiolas: 18 - \$70, 17 - \$70, 60 - \$110, 33 - \$60. Case Neutrodyne - \$50. Fada Neutrolette - \$150. Philco 38-62 - \$75. Olympic 557 - \$20. Emud T7 - \$40. Seeburg Wall-O-Matic W1-L56 - \$80. Eico Signal generator 360 - \$20. VTMW 221 - \$10. Hickock 660 dot-bar generator - \$35. Tube testers: Hickock 750 - \$60, Knight KG600B - \$20, RCA Card-O-Matic W110A - \$75, Radio City 802NA - \$20. Color copy of Toshiba's 1959 transistor radio line - \$4. All plus shipping. John Kendall, PO Box 436, Fallston, MD 21047. (410) 483-3884, 7-10 pm Eastern or all day weekends

WANTED: Crystal sets wanted. Parts, detectors, what have you? American & European. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: Riders 1 through 18 - \$12 each and up. AK 84 cathedral - \$250. Minerva Tropic Master - \$30. 1950's Allied Catalogues - \$10 each. Mallory Encyclopedia - \$18. RCA Redbook - \$30. 1940's Radio Retailing - \$6 each. 1930's Radio News - \$2.50 each. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (216) 871-4547

FOR SALE: PHONO NEEDLES & CARTRIDGES (ceramic - magnetic). What do you need? Send SASE. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: RCA engineering tube date manuals; Stokes 70 years of valves in hardback; AK35; Thompson Magnaphone horn. Robert Perlstein, 17 Vine St., Medford, MA 02155. (617) 391-3026

MESSAGE: Invitation: Going South for the winter? Come by for a visit—I always enjoy showing my stuff and talking old radios. Only a few minutes off of I-95. Bring along a few early battery sets to sell and pay for your vacation! I'm available most anytime by appointment. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

FOR SALE: Dial calibration is easy with our crystal controlled receiver dial marker, uses 9v battery or rectified filament voltage, three WWV referenced outputs provide rock steady signals from broadcast to UHF; great pocket signal source—\$17.95 Kit; \$24.95 assembled. \$4 S&H, Visa/MC. \$1 brings catalog and coupon. Two Fox Electrix, PO Box 721, Pawling, NY 12564. (914) 855-1829

WANTED: Tube hi-fi amplifiers, Dynaco ST70, MKIII, MKIV. Rome Castellanes, 1920 Ocean Ave., Apt. 2B, San Francisco, CA 94127. (415) 587-2704

FOR SALE: Atwater Kent 37-C, Red Lion cabinet—\$200. Atwater Kent 70-L—\$200. Philco 84 cathedral—\$125. Philco 38-12—\$65. Fada 460-V, ivory Bakelite—\$125. Shure 55-C Elvis microphone—\$125. 1960's Fentone, Japanese copy of RCA 77, new in box—\$45. Astatic JT-30 harmonica mike—\$75. General Electric heavy duty toaster cord, new old stock—\$8 each. Warren Dasho, 26 Kingston St., Reading, MA 01867. (617) 944-0470

WANTED: Good instruction card for first Freshman Masterpiece, or will buy cabinet with one. Mike Parker, 945 S.E. Linn St., Portland, OR 97202

FOR SALE: Emerson CL256, STRAD, original finish and running. RCA 140, original finish & grille. National Thrillbox Model ACSW5 with set of six plug-in coils. International Kadette, early brown Bakelite model, working. Philco Model 620. Zenith Model 7S529. GE Model J-83. Zenith Model 6S128. Lyric Model J. Zenith Model 5678. AK Model 84 excellent. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

FOR SALE: Radio Boys With Forest Ranger—\$10. Hallicrafters S120, works—\$30. Arvin 5591 chassis, works—\$20. Motorola DC2W, AM/FM clock, works—\$10. Dennis Atkinson, Upper Park St., Phillips, ME 04966. (207) 639-3111

WANTED: Midwest 24-tube "Royale," 18-tube "Imperial," other Midwest 18+ tube consoles of the mid 1930s. Chuck Dachis, 4500 Russell Drive, Austin, TX 78745. (512) 443-5027

WANTED: MARTIAN BIG 4 OR LITTLE GEM. PAYING ASKING PRICE. CONTACT DENISE LEMOAL, 5757 WESTHEIMER, #3139, HOUSTON, TEXAS 77057. (713) 680-8102 Fax; (713) 680-8110 phone

I BUY: Old Jensen speakers, Alnico V, Concert Series, Special Design, etc., 10", 12" & 15", working or not. Tracy Sands, 2166 W. Broadway, #119, Anaheim, CA 92804-2446. (714) 525-5223

SEE ON VIDEO: Over 200 radios & related items for sale or trade. High quality VHS Video shows wood, plastic, transistor, TVs, books/mags & other stuff. \$6.00 covers cost of high quality T120 VHS tape & postage. Sonny Clutter, 14407 NE. Fremont St., Portland, OR 97230

FOR SALE: Crystal set by Carter Co. (CarCo)—\$250. Philmore crystal set, the one that looks like a house—\$175. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

WANTED: Neutrowound radios and speakers, literature, especially blue case Neutrowounds. 201A tubes with gold, blue, and red glass. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

WANTED: 1- to 3-tube or transistor radio devices built from kit, espec. Philmore, Revell SW radios. Hugh Miller, 6400 Maltby, Woodinville, WA 98072-8375

FOR SALE: Industrial tubes. 2-Eimac 250TH, 1-RCA 811A, 10-RCA 813, 1-RCA 815, 1-RCA 829B, 1-Eimac 7203/4CX25, 1-Sylvania 4-1000A, 1-RCA 3C33, 1-GE 814, 1-GE 5720/FG-33, 1-RCA 832A, 1-Ampex (France) 866 AX, 1-RCA 866A, 3-RCA 6146B/8298A, 14-RCA 807, 1-Eimac 25T, 4-Sylvania 1625, 2-Raytheon RK-48 and 48A, 2-RCA 2C40, 1-Eimac 304TH, 1-RCA 803, 1-Westinghouse 803, 1-RCA UV849, 3-RCA 826, 3-United Electronics Cue-3B24WA, 1-National Union VTS2, 3 Western Electric 3B24, 5-VR-135 (10E/392). Would like to sell all as one deal. BO plus UPS. George Jones, Rt. 4, Box 31, Fernandina Beach, FL 32034. (904) 261-6533

WANTED: Jensen G610 triaxial speaker and/or M cabinet, 1950. For swap only: 713C/KS12027/702A. Alan Douglas, Box 225, Pocasset, MA 02559

FOR SALE: Console, Serenade, short legs, no #s, chas 47C A/O/N/D @ 10—\$120. Crosley M124 A/O/N/D @ 10—\$125. Silvertone Console M1853 batt @ 10—\$90. W/house MWR610 BC/SW—\$45. Day-Fan OEM 7 w/ tubes—\$90. AK 35, no tubes—\$40. Plus pkg. & UPS. Bernie Samek, 53 Old Palmer Rd., Palmer, MA 01069. (413) 245-7174

ELECTRONIC ITEMS FOR SALE: Radios, tubes, books, test equipment, audio equipment, records, knobs, meters, ham items and crystals, components, vibrators, software, etc. For a letter of lists for sale, send a LSASE properly stamped (no postcards) to: Richard and Rose's Radio Mart, PO Box 691443, Tulsa, OK 74169

FOR SALE: Sams 177 to 1801. Also Sams AR's, TSM's, MHF's. \$2.50 each plus postage. Maria P. Troutman, PO Box 760, Brewer, Maine 04412-0760

FOR SALE: Capacitors from new 25. volt to used oil filled @ 2000.V. Dual tubular 33. μ F./47. μ F. @ 160. Volt—\$10/four ppd. Triple 33. μ F./33. μ F./47. μ F. @ 160.V.—\$10/three ppd. Triple 33. μ F./47. μ F. @ 160. V. plus 22. μ F. @ 25.V.—\$10/three ppd. Dual 10. μ F./10. μ F. @ 450.Volt common negative—\$10/four ppd. Same with isolated negatives—\$10/three ppd. FRONTIER ELECTRONICS, Everett Hoard, Box 38, Lehr, ND 58460. (701) 378-2341, answering machine 4th ring

WANTED: Citizens Radio Callbook magazine for 1920, 1921, 1922. U.S. Amateur Callbook magazine (flying horse cover) for 1925, 1926. Department of Commerce "Radio Stations of the U.S." for 1913 plus supplements. First thru Fifth Annual Official Wireless Blue Books for the Wireless Association of America. Bob Arrowsmith, PO Box 166, Annandale, VA 22003. (703) 560-7161 collect

FOR SALE: Cheap Catalin! Well, it's not a radio, but a Halliwell Solar Beam sunlamp timer. Has same cabinet as the Crosley G1465 radio (Sideli, p. 40), in stunning, heavily marbled reddish maroon. Instead of the grille and dial opening, the timer has a long pointer knob for time setting, plus a toggle switch and a large green jeweled indicator. A buzzer sounds at the end of the timed interval and the light goes out. No chips or cracks, but cardboard back is missing - \$200. Carl Ratner, 550 Lamoka Ave., Staten Island, NY 10312. (718) 317-1838

WANTED: Short Wave Craft magazine: February 1933. Andrew Fircak, 385 Olympic Ave., Buffalo, NY 14215-2746

FOR SALE: HV capacitors, odd parts, crystal calibrator kit. At prices you'll like. \$1 brings catalog and coupon. Thanks. Two Fox Electrix, PO Box 721, Pawling, NY 12564. (914) 855-1829

WANTED: War-time German, Italian, Japanese radio equip., whole or part. Also: U.S.A. military and non-military sea, land, air mobile radio devices 1930-1945. Mobile radio manuals, any years. Thank you! Hugh Miller, 6400 Maltby, Woodinville, WA 98072-8375

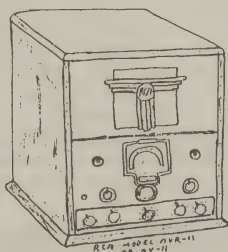
WANTED: University 6201, Craftsman C500, Fairchild 255, HK Galaxy 40, JBL 075. **FOR SALE:** AR 3 a MIDs, \$25 @. Tweeters, \$15 @. Craftsman 800 tuner - \$75. Fisher 90X tuner, missing some tubes - \$50. Stromberg-Carlson SR 440 tuner - \$50. Dynaco ST120 amp - \$100. Fisher 400 rcvr, no knob caps - \$75. Trades. Francis Canlas, 58 N. Isabel St., #D, Glendale, CA 91206. (818) 243-0171

FOR SALE: H/P VTVM's: 400D - \$15, 400H - \$25.

WANTED: Working wire recorder and Wilcox-Gay Recorder. Stephen N. Phipps, N0LNY, 10201 West 52 Ter., Merriam, KS 66203. (913) 362-4427, after 7 pm

FOR SALE/TRADE: Beautiful Stromberg-Carlson 935PR combination, fifteen tubes, 6L6's, Acoustic-Labrynth; for AK 10B breadboard 3 tube island, or potentiometer cylinder. Nevins Museum of Radio, Kenneth Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evs.

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242



WANTED: RCA Model AVR-11 (AV-11) airport receiver as shown, any condition, housed in a steel tabletop cabinet approximately 20"W x 24"H x 16"D, 1937 vintage. Similar to the ACR-111 but is not the same radio. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-0527

FOR SALE: Splitdorf battery - \$125. Emerson Model 455 in portable Treasure Chest - \$165. Radiola 16 - \$100. Radiola 20 - \$210. U.S. Gloritone cathedral - \$225. Gen. Television piano radio - \$300. Radiola III - \$100. Bristol 1-stage amp - \$175. Franklin radio, battery, with built-in horn - \$210. Ware Neutrodyne Type-T radio - \$295. Majestic horn & driver - \$145. Freshman Masterpiece - \$95. World battery, rare - \$150. AC Dayton XC-5 - \$150. AC Dayton XL-25 - \$210. Melodyne radio, battery - \$150. Crosley Trirdyn 3R-3 - \$75. Crosley Ace Type 3B - \$190. Radiola 60 - \$85. Magnavox horn & driver Type M-1 - \$150. Philco display sign Electric round - \$125. Crosley 50 - \$165. Stewart-Warner cathedral - \$200. Philco 20, (2) - \$225 and \$150. Freed-Eisemann NR-6 - \$150. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

WANTED: Old trumpets and cornets; purchase or trade vintage radios, transistors, ham gear, etc. Alvin Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

FOR SALE: 1927 Victrola 7-3 orthophonic phonograph/Radiola 20 combination, transistorized power supply, perfect working order, nice original cabinet - \$1,200. Gary Nitkin, 102 Long Highway, Little Compton, RI 02837. (401) 635-2816

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Additional words are 15¢ each.
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MANY THANKS!!!!

WANTED: Westinghouse Type RT antenna coupler for RC receiver. John Breen, 20 Coburn Rd., Manchester, CT 06040. (203) 649-0556

WANTED: User's manual for the HP signature analyzer 5004A. S. Goldhor, 2147 Trombas Ave., San Leandro, CA 94577. (510) 357-3788

FOR SALE: Nice Hammarlund HQ-100A, has Telechron clock and external speaker - \$100. Westinghouse Aeriola Sr. - \$180. Fleron signaler practice telegraph set, Bakelite, in original box - \$40. Hallicrafters S38B - \$45. Goplana, wood Polish Grundig look-alike, nice - \$50. RCA 103 tapestry speaker, real nice! - \$150. Western Electric 100-F loudspeaker/amp - \$30. Revere Model 400 portable - \$40. Crosley 56TV0 wood - \$20. RCA 66x12, painted - \$15. RCA 68R3, case rough - \$15. ARC 601 Alligator portable - \$15. 250TH xmitter tube - \$15. Jeffrey Viola, 475-B Elton Rd., Jackson, NJ 08527. (908) 928-0666

WE'RE STILL HERE! Tubes: "Oldest," "Latest." Schematics. SASE for lists to Steinmetz Electronics, 7519 Maplewood Ave., Hammond, IN 46324

WANTED: Stromberg Carlson 225H in excellent original condition. Any 1930's colored plastic (non-catalin) sets. Celluloid horn speakers in Red, white, marbled or other colors. Adam Schoolsky, 38007 Stenhammer, Fremont, CA 94536; Tel/Fax (510) 791-0584, leave message

SAMS WANTED: Photofacts, Specialized Books and VCR Service Data SAMS and Manufacturers. A.G. TANNENBAUM, PO BOX 110, East Rockaway, NY 11518. (516) 887-0057

FOR SALE: 1946 Truetone Stratoscope Model D2615, brown Bakelite w/6 push buttons – \$80. 1935 Atwater Kent Model 545, tombstone w/3 knobs, SW/BC – \$120. 1941 Arvin Model 522, brown midget metal, square dial – \$70. 1950 Silvertone Model 1, brown metal w/contrasting knobs – \$70. 1950 Model 2, white metal w/contrasting knobs – \$60. (2) 1948 Westinghouse Model H126, Little Jewel refrigerator radios – \$80/\$100. 1953 Crosley Model E-15-CE, lime green Bakelite, with horizontal bar and large pointer – \$60. (2) Hallicrafters Model S38-C/S38-A – \$40/\$30. 1935 Delco Model 1106, tombstone w/round airplane dial, 4 knobs, BC/SW – \$100. 1947 Delco Model R-1230A, ivory Bakelite w/ribbon candy, 1946 Belmont Model 6D111 – \$165. 1935 Arvin Model 51, tombstone w/4 knobs, BC/SW – \$95. 1935 Emerson Model U-5A, brown plastic, case repaired – \$140. 1940 Philco Model 40-155, slant front w/8 push buttons BC/SW – \$70. 1937 Philco Model 37-84, cathedral w/round center dial – \$110. 1947 Philco Model 521, BC/FM – \$30. 1949 RCA Model 8X-541, maroon plastic – \$25. All items plus UPS. George Jones, Rt. 4, Box 31, Fernandina Beach, FL 32034. (904) 261-6533

WANTED: Working in circuit cap tester, also Zeniths 7J328, 9S324, 12S445. R. T. Shost, 1307 Maple Ln., Sedalia, MO 65301. (816) 827-2655

WANTED: Atwater Kent single tube detector (breadboard part) needed for a restoration project, thanks. Rick Peterson, 206 Longfellow, Mandeville, LA 70448. (504) 624-9969

FOR SALE: Howe crystal set – \$175. AK Model 20 – \$100. Kadette Model 66X50 – \$50. National Union G-619 – \$30. Victor oak wind-up phonograph, Model VV-VI – \$225. 2-minute wax cylinder records, mint condition – \$10 ea. 22-inch Morning Glory horn – \$80. Frank Eder, Route 403, Garrison, NY 10524. (914) 424-3470

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 5th of the month.



WANTED: Early tube Hi-Fi components and studio equipment by Marantz, McIntosh, Tannoy, Acrosound, Brook, Brociner, Fairchild, Hadley and others. Also want Western Electric theater amplifiers, speakers, tubes, & microphones. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

WANTED: Old fountain pens by Parker, Sheaffer, Waterman, Mont Blanc, Conklin, etc. Will trade name-brand high quality radios for them or pay cash for the pens. Contact: Frank Weissman, 4 Shadbush Ln., Westport, CT 06880. (203) 454-1267, after 9 pm EST

WANTED: Micronic Rubies by Standard Radio, small transistor radios, paying top dollar for these radios. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: Radiola III chassis, no tubes – \$40. Radiola IIIA, complete outside, some part missing inside – \$40. Radiola Model 100A speaker, good cond. – \$40. All items plus UPS. Call or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

FOR SALE: Transistor: GE #P915A, shirt pocket, 8-tran., black & blue, works, hand wired – \$15. Emerson #888, black, salvage parts set – \$15. Motorola #7X25W, 7-tran., tan, works – \$15. Above + UPS. Donald Sochurek, W191 S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

FOR SALE: Zenith H500 Trans-Oceanics (2), one works, one parts set – \$60/both. Aud-I-Tone wood transistor spice rack radio – \$30. Westinghouse WR10 tombstone, rough – \$40. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374

WANTED: Butterscotch knobs for Motorola 50XC. Also looking for handle to RCA 40X57, San Francisco Expo. Like to find Emerson 744B in undamaged condition. Steve Berglund, 617 S.W. 146th St., Seattle, WA 98166. (206) 244-6428

FOR SALE: Reproduction dial glasses for Catalins. FADA 652 and Sentinel 284 – \$35 ea. plus \$2 postage. Radioart, Box 102, Centerbrook, CT 06409

WANTED: Hallicrafters Sky Riders with entire front panel silver color; also S-30, S-33 S-35 pan adaptor, SX-112, HT-2, HT-3, HT-8, HT-12, HT-14, EP-132; wood console speakers R-8, R-12; parts, advertising & memorabilia. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Drive, Austin, Texas 78745

NOTICE: All Frontier Electronics' business will be handled year round from **FRONTIER ELECTRONICS**, Everett Hoard, Box 38, 403 South McIntosh St., Lehr, ND 58460. (701) 378-2341, ans. mach. 4th ring

WANTED: Various parts for **PHILCO 16 CODE 121**, will buy entire chassis if necessary provided it is complete. Ken Strack, Box 3673, 680 West High St. #4, Quincy, CA 95971-3673

WANTED: AN/TRC-10 radios; AN/PRC-1; AN/PRC-5; M-209 Cipher machines; any radios beginning with letters "SS" (example "SSR-5"). Keith Melton, Box 5755, Bossier City, LA 71171. (318) 747-9616

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PHONOGRAPH PARTS: VINTAGE RADIO & ELECTRONICS, Needles, Cartridges, Drive Wheels. We can repair or replace your old pickup. Drive wheels rebuilt. Send SASE for lists or phone: Vintage Radio & Electronics, 1414 17th St., Rockford, IL 61104. (805) 229-6900

FOR SALE: The Antique Radio Boys and the Garrulous Grebe, first book edition of the story and illustrations originally serialized in A.R.C., paperback - \$6 postpaid First Class. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Consoles: Zenith 8S359, 9S262. Tombstones: General Electric M-61 - \$125, Westinghouse WR-23 - \$125. Zenith 5S228 - \$175. Battery Sets: Fada 192 - \$40, Day-Fan 5050 - \$100, Atwater Kent 20C - \$50, 30 - \$50. Grandfather clocks: Philco 70, Silvertone, both excel. Plus many more. Joe Trovato, 1013 Bell Ave., North Braddock, PA 15104. (412) 271-2813

— WANTED —
PICTURES FOR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
REQUIREMENTS FOR TELEGRAPH REVIEW
ARE THE SAME AS FOR PHOTO REVIEW

WANTED: Magnavox amp 111B. Radiola 60 top and hinge. David Collins, 481 E. Center, Medina, NY 14103

WANTED: 15" FM speaker. Also lid/cover for Philco 511 breadbox. Edward R. Barbacow, 330 Ceylon Rd., Carmichaels, PA 15320

FOR TRADE: RCA Theremin and 106 speaker, want 25-tube Zenith Stratosphere. **FOR SALE:** Malone Lemmon Control-O-Meter (pretuner) - \$75. Ron McClellan, 201 W. Boot Rd., West Chester, PA 19380. (215) 363-5637

FOR SALE: B&W 5100B transmitter in vg condition with original manual - \$250. NC-300 in vg to exc condition with original manual - \$250. Viking I in vg condition with manual copy - \$150. Lavoie LM-18 spectrum analyzer in vg condition with manual copy - \$375. Please ask for list of goodies I will mail to you. Clyde Sakir, N7IOK, 4243 E. First St., Tucson, AZ 85711. (602) 323-1120

FOR SALE: Admiral palm tree tube portable 6P32-6E1-N - \$125. Lear Inc. Learavion tube portable - \$150. Traveler 55C42 clock radio - \$100. Meissner 10-1116 combination receiver, works great - \$150. Harron Labs Air Com Bakelite receiver w/manual - \$140. RCA 1-F2-E FM radio, Greco Modern, several tapes, magnifying pointer - \$200. Wristo Radio (Breed 492) - \$90. Knight helmet w/face, MBC (Breed 409-A) - \$95. Coop Director car battery - \$40. Rocket diode radio w/slide tuning, Japanese - \$75. All plus UPS. Thanks & take care. Chuck Bray, 1322 Ivy Rd., Bremerton, WA 98310. (206) 373-1013

WANTED: Emerson 706B or tuning knob for this (see Bunis, p. 62). **FOR SALE:** Tubes & parts new and used for vintage electronic organs. Diagrams. Marion L. Clemens, 10129 Lapeer Rd., Davison, MI 48423. (313) 653-2439

FOR SALE: (6) Crown SX-822 open reel tape decks, 10 1/2" reel, 3-speed. Call for details. WE batt. charger built in 1932 - \$40 plus ship. Harold D. Wright, Rt. 1, Box 259, Chancellor, AL 36316. (205) 347-0393

FOR SALE: RCA 74B - \$350. Altec 639B, excellent - \$600. Altec 515 15" woofers - \$400/pr. Thomas Crocker, PO Box 11582, Glendale, CA 91226. (818) 246-4757

WANTED: Baldwin and Trimm horn tops, Leader and AK-L horn bases. Mahogany color Kilograd veneer dial. A Grebe AC-7. Ken Martin, 12667 Eckard Way, Auburn, CA 95603. (916) 885-0243

FOR SALE: Heathkit Apache Model TX-1 transmitter & single sideband adapter Model SB-10 with manuals. Paul Cowlishaw, 1424 25th St., Ogden, UT 84401. (801) 393-8703

FOR SALE: Reprint, Riders Index Volumes 16 thru 21 - \$7 ppd. Zenith rectangular glass - \$14 ppd. Willard Bogard, 4825 W. Central, Wichita, KS 67212-2348. (316) 943-8145

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WANTED: Hickok 539 B tube tester instruction manual. Richard Gray, 9181 Chesapeake Dr., San Diego, CA 92123. (619) 560-4162

WANTED: Philco 42-1008 code 121 schematic, turntable, dial glass, knobs, buttons and any info. Jim Ferguson, 1520 W. Peoria #238, Phoenix, AZ 85029. (602) 943-6091

FOR SALE: Grundig 5Z99u/s and 2147U, not working - \$50/both. **WANTED:** Rider's #23. Phil Boydston, 102 Concorde Pl., Mondeville, LA 70448. (504) 845-0867

FOR SALE: All radios listed are excellent and working. Airline Belmont Model 04BR-513A and 14BR-513B (Bunis II, p. 15) same as 514B - \$85 ea. Airline 141BR-521A, looks same as 1501B, page 17 - \$65. Emerson Deco Model EP-406, Ingraham wood case - \$85. Zenith 6S-511 Bakelite case with pushbuttons - \$75. Rare 1937 GE Deco Bakelite Model F-40 - \$95. Rare Kenmore 1931 cathedral, fancy case, refinished Model S Jr. - \$185. Colin B. Kennedy Model VI, not tested - Make Offer. Shipping extra. Delmer Woodley, Rt. 3-Box 13, Milford, IA 51351. (712) 332-5673

WANTED: National SW-3 receiver, coils available, condition - State Price. Spencer Cromwell, 7607 Stevenson Way, San Diego, CA 92120. (619) 582-8280

FOR SALE: Predicta info. Copies of 6 pages from Philco's Summer 1958 Newsletter, telling the story of the "New Concept in Television," the Predicta. Interesting - \$3 ppd. Freed-Eisemann Model NR-5 - \$75. Kevin Eftink, 16 Edgewood Dr., Quincy, IL 62301. (217) 228-2221

WANTED: Stereo/Mono cartridge, tone arm, etc. Aki Komatsuzaki, 267 Kingston Hill Way, Los Gatos, CA 95030. (408) 356-7051

FOR SALE: Crosley Colorado 10-139, green, nice - \$110. Shipping included. Lloyd (Bud) Noel, 494 Clark St., Galesburg, IL 61401. (309) 342-2825

FOR TRADE: Westrex RA75A 75w. monoblock tube amplifier, to trade for Atwater Kent Model 10 with speaker. Mark Zaluski, 113 Pike Cres., Winnipeg, Manitoba R2K 3C1. (204) 667-3562

CLASSIFIED AD NOTICE

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

WANTED: Hallicrafters S51 receiver. Should be complete and condition good but not necessarily working. M.T. Edwards, 13404 117A Ave., Edmonton, Alberta, Canada T5M 3J7. (403) 455-9367

FOR SALE: RCA "Magic Brain" radio, phono, recorder console Model D-22, huge and magnificent 22-tube top of line in 1936, with original owner's manual, catalogue & recording discs, from a Marin Mansion, expensive - open to fair offers. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

FOR SALE: Rider's Radio Manuals, Volumes 16 thru 22, excellent condition - \$200 plus shipping. John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

WANTED: RCA AR88/CR88, Hallicrafters HT-6, HT-9, and HT-20. Have equipment for trade. Shane Ward, N1DMX, 14 Pond St., Amesbury, MA 01913

FOR TRADE: DeForest D101B for D7 detector. **FOR SALE:** (1) Bendix green 526C knob - \$20. Wayne Martin, 701 Northdale, Perryville, MO 63775.

WANTED: I will pay \$1200 for a nice Kennedy 110. Peter Frei, PO Box 500, Brimfield, MA 01010. (800) 942-8968

FOR SALE: Transcription turntable, play those great old 16-inch radio programs, plays 16/33/45 & 78 rpm speeds, self-contained suitcase carry style institutional units, working w/amplifier, 12-inch speaker & mike/PA inputs, good sounding. Order by phone w/ AMEX card - \$75, \$155, \$300 each while they last. Plus UPS. Have a few standard phono portable suitcase style units too, working - \$25 to \$45 each. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

WANTED: GE-K64/RCA-121 chassis. Scott Phantom cabinet. ICOM 271H/471H all modes. Doug McManus, 20 Deland Park A, Fairport, NY 14450. (716) 388-1275

FOR SALE: Transmitters: Viking challenger - \$75. 6N2 - \$60. Hallicrafters HT-17 - \$60. Transistor radio kit, N.I.B. Model 512 by Graymark Educational Projects, Inc. Made in 1967, used to teach transistor radio theory in high school. Comes with a 44 page booklet of instructions - \$30. All plus UPS. **WANTED:** Wire recorders, no Webster Chicago. Peter Dieguez, 36-48 34th St., Long Island City, NY 11106. (516) 625-0429

FOR SALE: Phico 50 chassis and speaker - \$40. Philco 60 chassis and speaker - \$20. AK 83 chassis and speaker - \$20. Knight-kit R100A receiver and speaker, crystal calibrator - \$45. Rolls-Royce pewter transistor - \$30. Military RT67 transceiver, power supply, shock mount, manuals - \$50. Add UPS. Call for details. Raymond Filozof, 339 Howertown Rd., Catasauqua, PA 18032. (215) 264-4733

WANTED: For my collection (any condition): Western Electric Model 86, 91, 92, 124, 142, or 143 amplifiers; any WE speakers or horns/drivers or tubes for these amps and any WE tubes, transformers, chokes, parts, literature, etc. Also need a Garrard 301 turntable, a Marantz Model 1 audio console, a Marantz Model 7 preamp, a McIntosh C-22 or C-11 preamp, and 1 or 2 of the following RCA speakers/enclosures: MI-4400, Type 64A, MI-4410, MI-4411, LC1, LC1A/B/C or Jensen 12" or larger field coil speakers. Have lots of tube audio equipment, some battery radios and parts to sell or trade for the above. Call or send for a list. Thanks. Rick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

FOR SALE/TRADE: Stellar-Roger Maris/Mickey Mantle radio, trophy baseball radio. Catalins: Emerson Patriot, 520 green; Fada 652 yellow, 360G, V & 260D. Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709. (914) 337-7176

FOR SALE: Red Philmore Crystal set, Heath CR-1 Crystal, Metal Arvin, Black Royal 500D, a nice Chinese Red Regency TR-4 w/t box & paper, two Mitchell bedlamp parts sets. **WANTED:** Correspondence with anyone with an Ace 3B portable, a tower cone speaker driver or junker, a Thorophone horn driver, a power supply, any condition, for a Scott AC-10 and audios/restoration sketches for Harkness 3-tube reflex. Dale Davenport, 622 S. 18th St., Fort Smith, AR 72901. (501) 785-4929

WANTED: Owners manuals, advertising, etc. for a Kennedy V and Kellogg Wavemaster, copies OK. Thanks! James W. Walcher, 1311 Janet Dr., Wilmington, IL 60481. (815) 476-9184

WANTED: Schematic for Precision EV-20 VTVM. Greg Richardson, WA8JPC, PO Box 405, Gallipolis Ferry, WV 25515

FOR SALE/TRADE: Eico tuner/amp #3566 (Sams 956), works! Zenith 8S661, vg condition works. Dennis Hilberg, 804 Ravine St., Decorah, IA 52101

WANTED: Philco 35-2640 power transformer for Philco 46-1209 and Atwater Kent 55. Robert Van Osdol, 401 E. Main, Morrison, IL 61270. (815) 772-2719

WANTED: Any documentation for Rohde & Schwarz SK040/31A1A3 400-watt HF transmitter, circa 1953. Geoff Fors, Box 342, Monterey, CA 93942. (408) 373-7636

FOR SALE: Auto radios repair technicians servicing vintage vacuum tubes auto radios. Send LSASE for free technical bulletin. Jack Shaymow, Vintique Electronics, 52-C Tiford, Deerfield Beach, FL 33442. (305) 427-1222

WANTED: McIntosh or Fisher multiplex adapter, Western Electric 519A transformer. **FOR SALE:** RCA 9BT9J transistor w/leather case - \$25. Zenith flip-dial table AC/DC radio - \$35. Mark van Roojen, PO Box 83836, Lincoln, NE 68501-3836. (402) 438-3724

WANTED: Tube test socket adapters, record cutting machines, audio tube gear, jukeboxes, records, Predic-ta TVs, etc. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 866-6183

MESSAGE: My sincere thanks to Alan Roycroft, Hal and Marc Burt, and Walt Belsito, Sr. for their help in providing info on Pacific radios. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919

WANTED: Information on Gertrude ANSQS23 or any other underwater transceiver which uses sonar frequencies. Harry Blesy, N9CQX, 2409 Northgate, No. Riverside, IL 60546. (708) 442-8855

WANTED: 10K, 240K, and 1 megohm old style dog bone radial lead resistors. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (708) 584-5915

FOR SALE: Radiola 26 - \$400. Crosley Playboy 124 - \$200. All-American Mohawk speaker - \$135. All in excellent cond. Gary Hill, 1507 Ridge Ave., New Castle, PA 16101. (412) 654-9335

WANTED: Hand-held radios with watches, Mighty Mouse on cheese, Woolite, and odd beer can radios. Sony micro radios. Lee and Carolyn Bruton, 1140 S. Reed #E, Lakewood, CO 80232. (303) 937-7325

WANTED: Electronic test equipment - EPROM programmer for PC computer to program 27-series EPROMs, and UV eraser. Doris Fitch, 110 Dryden Rd., Bernardsville, NJ 07924. (908) 766-0353

FOR SALE: Zenith Trans-Oceanic Model 7000-1, fair condition, works great - \$125. General Electric Model 203 wood table set, excellent condition - \$35. Zenith Trans-Oceanic Model B600, needs some work - \$25. Gary Pirkkala, 2306 Audley Ave., New Castle, PA 16105. (412) 658-0534

WANTED: (2) Radiola transformers UV-712 and Radiola IV junker cabinet and horn. William Boyd, 74 Atsion Ct., Medford, NJ 08055. (609) 722-2369

WANTED: Top half or entire globe for a Colonial Radio Corp. New World radio. Conrad Gwaltney, Rt. 1, Box 55, Hiddenite, NC 28636. (704) 632-2921

FOR SALE: Truetone D1012 push-button Bakelite radio - \$100. Arvin 341-T (Bunis, p. 25) - \$50. Matt Kurzdorfer, 107 Falconer St., Nitonawanda, NY 14120. (716) 695-0036, after 5

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WRITE OR CALL FOR OUR 1992 WHOLESALE CATALOG

WANTED: Manual for Knight Model KG650 signal generator. Copy OK. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919

WANTED: Aerial kits complete and still in the box with colorful pictures on them. Leonard J. Arzooanian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

FOR SALE: Fada 790 AM-FM white urea. Philco 48-482 Deco wood AM-FM-SW. Realistic DX10 multiband. YFA10A GE broadcast mike with chrome desk stand. List of 100+ early transistor radios, LSASE for list. Zenith 6S511W. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

FOR SALE: KWM-2A, clean but not working – \$300. 1942, 1944 ARRL Handbooks – \$16 ea. Mark Hovda, PO Box 10091, Cedar Rapids, IA 52410. (319) 364-4048, 7-9 pm

WANTED: Two large eight-sided wooden knobs for Zenith 860, cutter needles for disc recorder. Leon Bitters, 4209 Logtown Rd., Lena, WI 54139. (414) 834-3707

FOR SALE: Thinning out my collection, most items first time offered. Send SASE for brand new, free picture list. Mostly Deco plastic. Some wood sets. Mark Alzapiedi, 21 Peach Tree Ln., Leominster, MA 01453. (508) 8480-0466

FOR SALE: Grebe CR-14 – \$475. Magnavox TRF-50 with instruction book – \$275. Victor Credenza Model 83 AC Orthophonic – \$875. Edison 1893 Kinetoscope film projector – \$975. Film for above 19 spools at – \$25 ea. Doug Whitney, 435 S. Ashland St., Cambridge, MN 55008. (612) 689-5804

WANTED: Box for Sodian DR-6 radio, tube socket for Kennedy Model XV, horn speaker with wooden bell. Ancman, 136 Barilla Pl., San Antonio, TX 78209. (512) 820-3097

FOR SALE: Western Electric 10D horn speaker, good coil – \$150. Tram Titan II, mint – \$125. Evan Haydon, 4308 N. 15, Lincoln, NE 68521. (402) 435-4083

FOR TRADE: My radio collection for your antique automobile. Up or down. Hank Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (908) 244-2345

WANTED: Fairbanks Morris floor console Model 12B preferred, or 9C in a restorable condition. Charles E. Patterson, 2621 Sweetwater Rd., Sp. #33, National City, CA 91950. (619) 475-7141

FOR SALE: Hallicrafters SX-110, exc – \$125. Eico ST70 integrated amplifier, works – \$75. **WANTED:** Drake T4XB. Doug Weiss, 7305 Reynard Ln., Charlotte, NC 28215. (704) 531-7200, between 7-9 pm EST

CLASSIFIED AD NOTICE

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WANTED: Starlite 6-trans. radio, red w/case, approx. 1960 vintage. Bret Johnson, 13495 102nd Terrace North, Largo, FL 34644

WANTED: Dial for Day-Craft 7 (1926) radio and radios with oriental-style cabinets. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

FOR SALE: GTE Sylvania 9ST4748A picture tube, new – \$50, used – \$30. Masterline VHF broad band amplifier Model MLA-C – \$50. 8XP4 TV test tube – \$40, 8YP4 – \$40. Popular Electronics magazines for Sept. 1975 to Oct. 1982 – \$25 per year. Radio Electronics magazines from Nov. 1982 – \$25 per year. **WANTED:** Schematic, service manual for Grundig Majestic radio Model 2065 U.S.A. Vincent Scopacasa, 8900 South 85 Ave., Hickory Hills, IL 60457. (708) 598-3472



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c/o Ralph Bonamo
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Staten Island
NY 10312

(718) 356-3410
Please call
for details !

WANTED: Anything concerning Thomas E. Clark (TECLA) of Detroit, Michigan, including wireless equipment, radios and any original literature. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

WANTED: Unusual brand name 01-A tubes, prefer new in box. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

FOR SALE: Radio Shack large electronic project kit, M.I.B., 1972 - \$25. Royal 500 & 10L - \$15 each. GE P880A - \$10. The following novelty transistors: Butterfinger - \$15, 2-D Mickey - \$15, 2-D Snoopy - \$15, Winston cooler - \$20. Stuffed Dog and Raccoon - \$25 each, Helping Hand, N.I.B. - \$45. **WANTED:** Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: Chassis for a Clarion Model AC-85-80-81 or 220. Some consoles have this chassis also. John L. Case, 255 Lawrence Ave., Columbus, OH 43228

WANTED: Western Electric tubes 205D/E/F, 252A, 274A/B, 300A. Top prices paid. Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

FOR SALE: Custom vacuum tube recording console used in major studio for 25 years, 16 x 16 with Pultec curve EQ on each standard module - \$6,000. Also interested in buying old studio quality microphones. Sear Sound, 353 W. 48th St., New York, NY 10036. (212) 582-5380. Fax (212) 581-2931

WANTED: Binding post, nickel or brass, pay 50¢ each. Also Deitrickson radio made in St. Joseph. David Swartz, 2727 Oakland, St. Joseph, MO 64505. (816) 233-0962

FOR SALE: Sears Silvertone 7085 phono/wire recorder/AM tabletop - \$20. Eico 430 scope - \$25. Heath ID101 electronic switch - \$20. RCA WA44 audio gen. - \$25. HP 200ABR audio gen. - \$25. All plus shipping. Robert Perlstein, 17 Vine St., Medford, MA 02155. (617) 391-3026

mf/	volts	manuf	each	20 & up
.001/600		Sprague 715P	\$.40	\$.35
.002/600		Sprague 715P	.41	.36
.0047/600		Sprague 715P	.42	.37
.01/400		Xicon (radial)	.26	.21
.01/600		Sprague 715P	.54	.49
.015/600		Sprague 6PS-	.50	.45
.02/400		Xicon (radial)	.27	.22
.022/600		Sprague 715P	.65	.60
.047/400		CMC (axial)	.35	.30
.047/600		Sprague 715P	.68	.63
.05/400		Xicon (radial)	.35	.30
.1/400		Xicon (radial)	.50	.45
.1/600		Sprague 715P	1.00	.90
.22/600		Sprague 715P	1.50	1.35
2.2/450		Rubycon (axial)	.65	.60
4.7/450		ICC (axial)	.66	.61
10/450		Xicon (axial)	.98	.91
22/160		Rubycon (axial)	.75	.70
22/450		Xicon (axial)	1.30	1.25
33/160		Xicon (radial)	.88	.83
33/160		Rubycon (axial)	1.08	1.03
47/160		Xicon (radial)	1.30	1.15
47/160		Xicon (axial)	1.30	1.15
47/450		Rubycon (axial)	1.95	1.80
80/450		CWI (axial)	2.60	2.20
shipping charge, U.S.A. flat \$ 4.00				
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WANTED: Wanted to buy: Oscillator and IF coil assembly for Airline Model 62-68 or Apex 9-19 Chassis 900 or junk chassis to get this coil, pay \$20 for new or good used one. **FOR SALE:** Several big boxes of speaker reconing supplies, cones various sizes, voice coils spiders, etc. - \$100/all + UPS. John Kolenko, Box 275 Long St., Cherry Tree, PA 15724. (814) 743-9079, eves.

FOR SALE: Test equipment manuals for Eico, PACO, Precision, Triplett and Simpson. Copies only. Write your needs. Include two-stamp large envelope for lists.

WANTED: Clean case for H-500 Zenith Trans-Oceanic, any color. Clayton Mundine, 6112 S. Flores St., San Antonio, TX 78214

FOR SALE: Spartan Bluebird - \$2,000. RCA TV Model 621 TS, blonde - \$750. **WANTED:** Chassis for Lyric Model 21 or 20? Other items also, no list, please call, chat. Vaughn Rudisill, 11 E. Marie St., Hicksville, NY 11801. (516) 822-4501

WANTED: Foreign and supplemental tube charts for Precision Model 660 tube tester. Copies OK. James W. Oliver, Sr., 1509 Trigg Ln., #201, Wichita Falls, TX 76306. (817) 855-4130

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FOR SALE: Radio Engineering, Terman, 1937, EC - \$25. Communication Engineering, Everitt, 1937, EC - \$25. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. (216) 331-9206

FOR SALE: Telsa coil, wood cabinet, 20" x 20" x 60", marble front, by McIntosh Mfg. Taking offers. Tom Doherty, 407 13th Ave. S, Nampa, ID 83651. (208) 467-4018

WANTED: Mitchells. All Mitchell brand radios, including brown, alligator transistor, air conditioners, and other Mitchell appliances. Lee Mitchell, The Mitchell Collector, 875 N. Michigan Ave., #3412, Chicago, IL 60611. (312) 337-3123, 266-7100

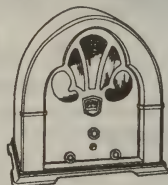
FOR SALE: Heathkit DX20 transmitter and Heathkit VFO Model VF1, both clean, work OK, no manuals - \$50/both plus UPS. Ed Povraznik, 9606 Biddulph Rd., Brooklyn, OH 44144. 216-661-0032

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FOR SALE: Antique radio and TV tubes; N.O.S., new/bulk, and used, all 100% tested. Very reasonable! Example: Used, 1E7G, 2B7, 5Y3GT, 6D6, 6SN7GT, 12SF5, 24A, 27, 35/51, 41 — \$1.50 each, \$8/6. plus \$4 S&H. Cont. U.S. only. Send LSASE for list or call. **WANTED:** Stromberg-Carlson tree-bark horn for 1-A base. Ted Babcock, 163 Long Island Dr., Moneta, VA 24121. (703) 721-1222

WANTED: Call Edison, Edison, if you have Standard Micronic Rubie, in exc-fine or better, in case, I pay more, more than they are worth. Call: Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

WANTED: Information on Ansley Dynaphone. Has anyone out there besides me, ever heard of this radio? I saw one in the late 1950's. It appeared to be late 1940's design, and it sounded great. It had several shortwave bands, green lighted slide rule dial & phono. This was wood case floor model. If someone has any info on this, please contact me. I will pay reasonable fee for info or photocopies of ads or pictures of this radio. Dave Watkins, 2509 Silver Palm Dr., Edgewater, FL 32141. (904) 427-4076

FOR SALE: Attention RCA Radiola collectors, 1927 Radiola 32, massive console, early AC, uses 199's, loop antenna, exc. orig. condition, works — \$400. 1928 Radiola 64, nice, works — \$400. Jim Traynor, 3198 Boudinat, Cincinnati, OH 45211. (513) 662-4344

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WANTED: Jackson Bell Peter Pan radio, vg to mint, working. Gregory Sheppard, KA3DBG, 4402 Jupiter St., Rockville, MD 20853. (301) 946-6460

FOR SALE: Philco 48-250 (Bunis I) — \$35. Emerson 811 (Bunis II), ivory w/gold — \$35. Philco 46-200 (like Bunis II, p. 142) — \$35. Kent Watson, 3642 Countryplace Blvd., Sarasota, FL 34233. (813) 924-4301

FOR SALE: Stromberg-Carlson Model 240-W, 1937, console/desk, exc cond., asking — \$400 or BO. Carroll John Watts, 133 Prospect St., Plantsville, CT 06479. (203) 621-3523

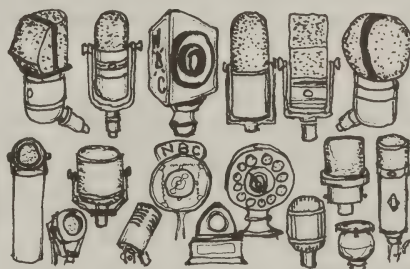
WANTED: Medical devices, violet rays, hand crank magneto types, unusual, and circa 1800-1900s. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (305) 846-7116

FOR SALE: Sparton Bluebird, exc — \$2,500. Fada #1000 maroon/yellow — \$700. RCA w/grille, tiny burn mark on back edge — \$525. Others. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

FOR SALE: 1960's organ service manuals, magnetic speaker, Heath transistor tester, tickler coil, misc. LSASE for list. C. F. Hooper, 1629 Keystone Ct., Clearwater, FL 34616

WANTED: Marantz, REL, Acrosound, Hadley, Fairchild, etc., tube hi-fi equipment. Unusual hi-fi equipment. 1950's-1960's hi-fi sales literature. Audiocraft, Audio Engineering, and Audio magazines, 1950-1965. Classical LPs. Paul Creasy, 6216 Worlington Rd., Bloomfield Township, MI 48301. (313) 737-0429

FOR SALE: Table and console radios in good condition. **WANTED:** Schematic for Brunswick Model 15, also schematic for Day-Fan battery set, chassis Type 5046 or tube layout at least. Also want restorable Hallicrafters, would like some SX models, also want some Hallicrafters speakers. Robert Remes, 2815 Suffolk, Kingman, AZ 86401



WANTED

FOR MY BROADCASTING MUSEUM

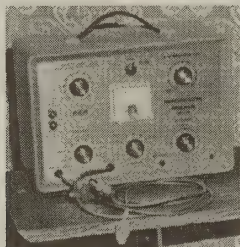
Microphones, stands, call letter plates. Tube amplifiers, mixers, compressors, Hi-Fi equipment. Speakers, on-air lights, equalizers. Disk, wire & tape recorders. Blank recording disks. Catalogs, magazines, manuals, 16" transcriptions, turntables, arms, pickups. Early TV cameras & receivers. Elaborate console, deco, plastic, mirror, novelty & wireless radios. Jukeboxes & parts. Acoustic phonographs.

We are looking for all makes of equipment, and especially Western Electric, Telefunken, Neumann and RCA. The museum contains various duplicates and items surplus to our needs, and many of these articles are available for sale or trade. The collection is located in my Victorian seaside inn, The Caffrey House, situated on a bay next to the ocean, in the Southampton resort area of Long Island. A trade of equipment for a stay at the hotel is always encouraged.

Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942
516-728-9835

FOR SALE: Sprague TeloMike #T03 with handbook, seems fair – \$20. Precision E 200C signal generator, looks good – \$12. Ballentine Labs AC-DC converter Model 710 – \$15. Douglas Radio Labs, Boston, Mass., multimeter – \$10. Mercury Model AD-4 tube tester adapter in box – \$10. Stromberg-Carlson Model AU amplifier, 90 watts – \$25. Weston 772 analyzer, nice looking with beautiful wood case – \$25. Superior GV50 genometer, clean – \$20. Over 20,000 tubes. Send wants with SASE for quotes. No list yet. All prices plus shipping. Nothing has been tested. Tubes guaranteed. C-2-C, 77 County Rd., E. Freetown, MA 02717-1629. (508) 763-3052

WANTED: Eisemann A and B eliminators, Mod #FE603, FE Mod 16, SM audio trans #256, Bosch Model 260C chassis. Ed Allison, 5525 20th Ave., Sacramento, CA 95820. (916) 454-1788



FOR SALE: RCA WR-52A Stereo FM Signal Simulator, with operating and maintenance instructions. Near mint condition includes cables. \$60 plus UPS. Ellsworth O. Johnson, 364 Coeurdalene St., Spokane, WA 99204. Phone/fax (509) 838-2161

WANTED: Silvertone 6110 (see Collins 1992 calendar, November), will pay high for unusual Deco models. Arnold Finkel, 3425 Iron Bridge Rd., Allentown, PA 18104. (215) 395-0808

FOR SALE: Trio WX-400U 22-tube stereo receiver, mint condition with original box – Make Offer. Randy Bender, 1720 Kinsella Ave., Belleville, IL 62220. (618) 277-6372

FOR SALE: McMurdo Silver 15-17 receiver with original speaker in working condition, no case – \$350/BO. Ken Van Tassell, 5 Gallup Dr., Chelmsford, MA 01824. (508) 250-9142

WANTED: Information, schematics, etc. on Jewel AM radio Model 5100S. Mark Phillips, 171 Buckey Hill, Wellsburg, WV 26070-2203

FOR SALE: Zenith 10S Bullseye working chassis. Zenith Bakelite Model 6D10, 5A10 table model. Zenith alignment tool for push-button radios, came with consoles. Black nice Trans-Oceanic. Zenith 6" and 10" speakers. Zenith 10S-464 chassis and speaker. Zenith gold tube covers. Zenith large glass tubes. Zenith Model 52 for parts. Zenith chassis 6S-564. (60) back issues of A.R.C. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

WANTED: AN/WRR-3 (R-1134) VLF/LF receiver in good condition. Collins R-389/URR in good condition. Would consider other VLF/LF equipment in good condition. Seller must be willing to ship (I pay). I could pick up in upstate western N.Y. Jim Wilson, 35 Belgard St., Rochester, NY 14609. (716) 288-0427, eves.; (716) 726-0952, day

WANTED: Radio with subminiature (or peanuts) tubes.
FOR SALE: German war radios with swastikas. Gerard Faassen, Heideweg 1, 5953 T.L. Reuver, Holland

WANTED: Predicta antenna; Pilot TV37 magnifier; advertisements and paper for RCA 621TS, Predicta 4242, Pilot TV37. Bob Siebrecht, 1301 W. Gregory Dr., #58, Urbana, IL 61801. (217) 384-5767

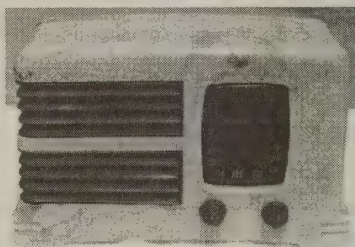
FOR SALE: Tubes, radio, TV, 40's thru 50's. SASE for list. Lee C. Dickinson, 478 Main St., Cromwell, CT 06416

FOR SALE: Murdock, E.I., Clapp-Eastham slide tuner/crystal receiver – \$425. Mesco spark coil – \$200. Tubular audiotron in wood stand – \$250. Little Giant pocket crystal radio – \$160. Early Voltamp Lab voltmeter, new in box – \$100. Revel Radaradio, 1950s crystal set – \$75. Early amp collection: Daven, Magnavox AC2 & AC3, WE 7A - excellent – \$1,250 for all. Large nice home brew early slide tuner – \$150. WD-11, (2) – \$60 ea. UV 99s, (6) – \$12 ea. Rosenthal, 5 The Strand, New Castle, DE 19720. (302) 322-8944 (return calls collect only)

WANTED: RCA 56X 1946, 15X 1940 (in Bunis II). Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagano-shi, Osaka, Japan 586

WANTED: Hopeless cathedral. Don't part out that set; let me restore it. Up to \$45. Rich Hale, 1329 N. Park, Cincinnati, OH 45215. (513) 821-0819

FOR SALE: 1920's battery radio, wood cabinet, Freshman Masterpiece kit, excellent – \$165. 1918 Lektophone cone speaker – \$38. Gould battery eliminator – \$38. And telegraph items and miscellaneous – 7-page illustrated/descriptive list; \$1 plus SASE. Dr. Joe Jacobs, 60 Seaview Ter., Northport, NY 11768. (516) 261-1576



WANTED: Early Detrola (and other manufacturers) plastic sets in gorgeous, not so gorgeous, and downright ugly color combinations. I will pay more for a whole lot less. (Annoying phone bids accepted.) Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: DeWald Catalin model Jewel, rare maroon with butterscotch, beautiful condition – \$800. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Ampro DeLuxe 11" speaker Part #16641 – \$30. Eico Model 706 code oscillator – \$40. Realistic code oscillator – \$30. Silvertone Model 8224, like Zenith Oceanic, map of world on inside cover, 4 bands, good condition – \$75. All plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

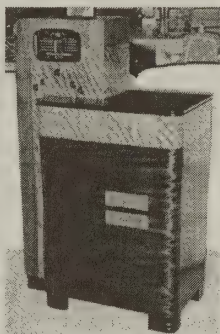
WANTED: Schematic and/or instruction manual for Eico Model 147A signal tracer. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

WANTED: Handheld microphone from 1920's. Federal and others made them. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

MESSAGE: Will the person who bought the Pathos cathedral with grille problems at Rochester, N.Y., meet please contact: John L. Case, 255 Lawrence Ave., Columbus, OH 43228

WANTED: Western Electric amps. Models 43, 46, 86, 91, 92, 124, and parts. WE555, 594 driver. Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

FOR SALE: Stromberg-Carlson with phono console, Model 145P with original manual and schematic, loud and clear on all bands, all new tubes installed - \$400. Call or write for info. Pictures - \$2 refundable. S.H. extra. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198



WANTED: Telefunken 12AX7, AU7, 6DJ8s; B&O & RCA mikes. **FOR SALE:** Ampex AG-350, 440. Richard E. Brown, PO Box 686, Farmington, CT 06034. (203) 677-4828

FOR SALE: Broadcaster kit. Why settle for current fare on your antique radio when you can tune in vintage music and programs, instead? Our 3-transistor broadcaster connects to the output of a record, tape or disc player, allowing you to transmit your choice of recorded material to any nearby AM radio. The Model PO-3T operates on a single 9-volt battery and features adjustments for transmitting frequency and modulation level. This easily-built kit includes printed circuit board, all components, wire, solder, etc. Assembly requires a small soldering iron, wire cutters and pliers. To order, send a check for \$19.95 each plus \$3 shipping (VT residents please add tax) to: Metco Electronics, PO Box 549, Shelburne, VT 05482

**PHONE NUMBER FOR
ANTIQUE RADIO CLASSIFIED**
(508) 371-0512

**Best time to call is weekdays:
9 am to 5 pm Eastern Time**

(Please no classified ads by phone. Thanks!)

FOR SALE: Attention past and new customers: send LSASE for new, updated list of antique and collectible 1920s-1960s radios, 1948-1950 televisions, 1950s-1960s transistor radios. Sorry, no Catalins, tombstones, cathedrals or Regency transistor radios right now. Many additional test instruments including testers that will test antique tubes. Have photos of all. John Enigl, K9HJL, 5425 Cherry Lane, Egg Harbor, WI 54209. (414) 743-3672

WANTED: 1.5 volt filament power transformers such as: Halldorson U-50, S-50, S-54; Stancor P-841, P-929, P-1501, P-1503; Thordarson T-56R01; Hadley P51, P52, P1402. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

MESSAGE: P.S. I'm still trying to build new walls in my house with Fender amplifiers. Your tired old Fender or Gibson amp, even basket cases, wanted here; steel guitars as well. Also, samples of good North Carolina talk are available free, and everything is guaranteed not to be radioactive. Cecil J. Wallace, The Steel Player, 2408 W. 5th St., Washington, NC 27889. (919) 946-1793

WANTED: Federal 53-W headphones. Federal horn speaker. Federal RF transformers any condition. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

FOR SALE: Repairable Zenith Trans-Oceanics Y600, H500. New tubular and can 450v electrolytics. New and used tubes - 25¢ and up. Old ARRL Handbooks, NRI Booklets, 1929-1932 with schematics, repair instructions for specific set. List available free. Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

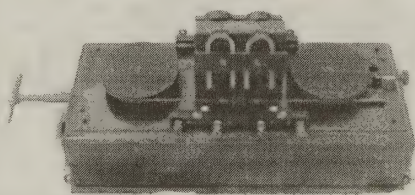
WANTED: Early WWII airborne TV cameras, ATK, ATJ, etc. Also any early TV camera equipment and WWII radar equipment. Allan Weiner, 14 Prospect Dr., Yonkers, NY 10705. (914) 423-6638

WANTED: Chassis and speaker for Crosley Elf (Bunis II, p. 54). Also, battery compartment door for Radiola AR812. Ron Timperley, 1725 Mission Ct., Huron, SD 57350. (605) 352-4723

FOR SALE: Cleaning house. RCA X1 plastic - \$8. Emerson Bakelite, similar to 691B - \$10. Zenith L723, white AM/FM - \$25. GE C403H, white clock radio - \$15. Swarthmore EC19590 portable stereo phono with Garrard Autoslim changer - \$15. All items plus UPS. Jon Andreasen, N20UP, PO Box 22, Newton, NJ 07860. (201) 579-6261, after 5:30 ET

FOR SALE: Near mint RCA Radiola III with tubes and headphones - \$160 plus UPS. John File, PO Box 566, Tolono, IL 61880

FOR SALE:



MARCONI MAGNETIC DETECTOR

*Near mint, rare, historic wireless
apparatus. Glass top cover is
included. Offers invited.*

*For further info call
(412) 833-4287*

*Send all offers to:
Emily Brewster, c/o ENC
23 E. Elm St., Quincy, MA 02170*

NEW VIDEO TAPE

Vintage Radio Books: A Video Review

- Video review of the 17 latest and most popular vintage radio collector's books
- No longer judge a book by its cover (or title!)
- Covers all titles of books and tapes in this ad
- PRICE = \$8.95 postpaid !

Bargain Books

- A) **COLLECTOR'S GUIDE TO ANTIQUE RADIOS**, 2nd Ed. 1992, Bunis. List \$17.95 OUR PRICE \$15.25
- B) **EVOLUTION OF THE RADIO WITH PRICES, 1992** List Price \$22.95 OUR PRICE \$19.50
- C) **RADIO MANUFACTURERS OF the 1920's**, by Douglas
- 1) **VOLUME 1: A.C. DAYTON to J.B. FERGUSON**
 - a) SOFTCOVER List \$24.95 OUR PRICE \$21.25
 - 2) **VOLUME 2: FREED-EISEMANN to PREISS**
 - a) SOFTCOVER List \$29.95 OUR PRICE \$25.50
 - b) HARDCOVER List \$39.95 OUR PRICE \$34.00
 - 3) **VOLUME 3: RCA to ZENITH**
 - a) SOFTCOVER List \$29.95 OUR PRICE \$25.50
 - b) HARDCOVER List \$39.95 OUR PRICE \$34.00
- D) **GUIDE TO OLD RADIOS, 1989**, by Johnson
List Price \$16.95 OUR PRICE \$14.50
- E) **COLLECTING TRANSISTOR NOVELTY RADIOS, 1990** by Breed. List \$24.95 OUR PRICE \$21.25
- F) **CLASSIC PLASTIC RADIOS of the 1930s and 1940s**, by Sideli List \$19.95 OUR PRICE \$17.00
- G) **RADIOS: the GOLDEN AGE, 1987**, by Collins.
a) SOFTCOVER List \$14.95 OUR PRICE \$12.75
b) HARDCOVER List \$25.00 OUR PRICE \$21.25
- H) **ANTIQUE RADIO RESTORATION GUIDE, 2nd Edition** NEW 1992 by Johnson List \$14.95 OUR PRICE \$12.75
- I) **RADIOS REDUX: Listening in Style, 1992**, Collins
a) SOFTCOVER List \$17.95 OUR PRICE \$15.25
b) HARDCOVER List \$29.95 OUR PRICE \$25.50
- J) **CRYSTAL CLEAR: Vintage American Crstal Sets**, by Sievers List \$39.95 OUR PRICE \$34.00
- K) **DON C WALLACE W6AM AMATEUR RADIO'S PIONEER**, by Perkins List \$29.95 (HARD) OUR PRICE \$25.50
- L) **FIFTY YEARS OF RADIO, 1922** RadioCraft reprint
List Price \$15.95 OUR PRICE \$13.50
- M) **RADIO ENTERS the HOME, 1922** RCA reprint
List Price \$16.95 OUR PRICE \$14.50
- N) **RADIO EQUIPMENT and SUPPLIES, 1922** catalog repro
List Price \$19.95 OUR PRICE \$17.00
- O) **OFFICIAL RADIO SERVICE MANUAL, pre1930 data**
List Price \$24.95 OUR PRICE \$21.25
- BOOK SHIPPING:** \$2.50 for the first \$1 each additional

RESTOR-A-FINISH

"RESTORE IT - DON'T STRIP IT"

This product preserves the original finish in sets that would otherwise require stripping and refinishing! PRICE: \$8.00 for 16oz can. **SHIPPING:** \$4 for the first, \$2.50 each additional. Sent UPS (not to P.O. boxes) **MUST ORDER BY COLOR:** Dark Walnut (medium finishes - most sets); Walnut (lighter); Dark Oak (darker finishes) Note: these colors are for brown stained radio cabinets.

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VINTAGE RADIO REPAIR and RESTORATION

- 4 HOURS ON 2 VHS VIDEO TAPES
- COVERS THE COMPLETE RESTORATION OF A 1930's SET
- INCLUDES COSMETIC RESTORATION OF A WOOD CABINET
- COVERS ELECTRONIC REPAIR and ALIGNMENT
- DESIGNED FOR THE BEGINNER and INTERMEDIATE LEVEL RESTORER, HOWEVER ADVANCED COLLECTORS HAVE COMMENTED THAT THEY LEARNED A FEW THINGS TOO.
- "HEARTILY RECOMMENDED" - FOR THOSE WITH A YEARN "TO LEARN", from MAY 1992 RADIO AGE review.

TAPE PRICE \$23.95 TAPE SHIPPING \$4.00

SPECIAL OFFER: Order the Radio Doctor Vol. 1 and order any number of books at the same time and the books are shipped free! (Must pay tape shipping) **SPECIAL OFFER EXPTRES 11/30/92.**

NOTE: ALL SHIPPING APPLIES TO CONTINENTAL USA ONLY.

OZARK VINTAGE RADIO

DEPT. A
3923 East Latoka Street
Springfield, MO 65809

FOR SALE/TRADE: Marconi V-2 receiver and A-2 amplifier - \$2,500 firm. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

WANTED: Western Electric tubes, parts and data-sheet 101, 102, 104, 205, 211, 212, 216, 242, 252, 262, 271, 274, 275, 276, 284, 300, 310, 339, 347, 348, 349, 350, 421, 422, VT1, VT2, VT25/A, VT52. Also Western Electric amp, spkr, socket, xfmr, parts, data-sheet, picture. Others: RCA50/250/350, VT62/801A, 845, European tubes. Will pay top \$\$\$ Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

FOR SALE: See it first. Over 50 radios and other miscellaneous 20's, 30's, 40's 50's. Fada, Zenith, Arvin, Philco, AK, GE, Motorola, Detrola, Tele-tone, RCA, Stewart-Warner and others. Video tape send \$5. Money refunded if tape returned. You can't lose. Ralph Ripke, PO Box 430052, South Miami, FL 33243-0052. (305) 667-5047

SEND ALL A.R.C. MAIL TO Antique Radio Classified P.O. Box 2, Carlisle, MA 01741

FOR SALE: Pickup only. Consoles: RCA C13-3 - \$65; GE A-87 - \$35; Graybar 600 - \$90; Grebe 7-tube, 3 knobs - \$65; Philco 40-180 - \$80; GE recorder, phono, radio - \$75; Philco bar radio - \$375; Zenith 14-tube, teardrop dial, 4 knobs - \$135; Zenith 7S363 - \$75; Majestic 70B - \$40; or these plus 15 others, 1 price. Richard E. Lauber, PO Box 51, Alplaus, NY 12008. (518) 399-0080, after 2 pm

WANTED: Metal back for a 10" Hoffman TV; Model #600. Back for an RCA CTC-7 Deluxe floor model 21" color TV. Small brown knobs for an RCA CTC-5 color TV. Zenith 5-S-320: the 5 pre-set push-button coil assembly or chassis. Good driver for an AK Model L horn speaker. A/B eliminator for a Zenith 27. Bob Baker, 35326 Shenandoah Dr., Shingletown, CA 96088. (916) 474-1650

FOR SALE: RCA 21-T-6115 TV - \$50. RCA Dynamic Demonstrator 2 - \$350. Crosley 178 lowboy for parts: speaker @ \$10, 4 legs @ \$10 each, excellent orange grille cloth @ \$15, chassis and tubes - \$15. **WANTED:** Old wristwatches. Del Tysdal, 812 Broadway, Fargo, ND 58102. (701) 293-9328, TYVM

FOR SALE: Book, History of Engineering & Science in the Bell System, 1925-1975 - \$25 + ship. Neil Garner, Box 134, Rt. #4, Canton, NY 13617. (315) 386-3855

WANTED: A later edition of Mallory's MYE than the 3rd, 1939. Jethro F. Perry, Box 488, Lewisporte, Newfoundland, Canada A0G 3A0. (709) 535-2205

FOR SALE: Westinghouse transistor, coat pocket Model H890P6GP, surf blue - Best Offer. William Chereysky, 6 Kate Ln., Metuchen, NJ 08840. (908) 549-2165

WANTED: Philco 680X high-fidelity radio. Thanks. Vernon Oehlke, Box 307, Solter Hts. Rd., Ghent, NY 12075. (518) 392-4945

WANTED: Dial glass for Zenith Model 8H061 or will buy junker. Bud Santoro, 3715 Bower Rd., Roanoke, VA 24018. (703) 774-9153, collect OK

FOR SALE/TRADE: Brunswick crank phonograph, Model Madrid, excellent condition. Bill Kelley, 607 Du-maine St., New Orleans, LA 70116. (504) 524-8929

FOR SALE: Brand new cathedral and breadboard greeting cards. Front and back of cathedral on front and back of ecru card. Breadboard has the AK breadboard on the front and a horn speaker on the back. Each pack has 12 cards and 12 matching envelopes for only — \$6.50 ppd. J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: AK items: JB and F-3 speaker, 228, 447, 567, R horn in good condition, Type 11 tuner and other breadboard parts, any condition. Automobile Radio 424/534. Bob Nicholson, 3423 S.E. Long, Topeka, KS 66605-2486. (913) 266-9473

WANTED: DeForest D10 coils and loop, UZ1325 base and driver, Burns horn top bell, WE 10-D bell, Murdock horn driver, Jewett Super speaker bell, miscellaneous horn bases or drivers. John Pisarski, 114 Evans Rd., Norristown, PA 19403. (215) 539-0756

FOR SALE: Freshman Masterpiece, 1925, 5-tube — \$35. Jim Sprea, 1741 Ellis St., Stevens Point, WI 54481. (715) 341-3251, after 6 pm

WANTED: Radio Ceramics of California "woman seated on chair" transistor radio — will purchase or consider trading my rare Quaker Oats novelty transistor radio; RCA Reotron Model AP-935, uses UX-210 & UX-216B; Admiral solar radio w/separate solar panel; AK 627 or AK 558 cathedral radio; Capehart 414 or 406T, dual amplified and current FM band; RCA Victor RAE-79, 13 tubes, dual amplified with two speakers; Sparton Cloisonne radios, any condition; Sparton Model 5 metal cathedral radio. **FOR SALE:** Sparton Bluebird replica radios, very limited supply — \$250. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FOR SALE: Home brew Allwave radio set from 1930's, 6-tube in console — \$10. GR impedance bridge #650 w/manual — \$20. DuMont #304A oscilloscope — \$50. Local pickup only on all these. J. Dunlap, 325 N. Ridgeland Ave., Oak Park, IL 60302. (708) 383-5037

FOR SALE: Over 100 radio, electrical, and technical books — most for \$1 to \$3. Over 200 magazines including Electrical Experimenter. SASE to: H. Goldman, 3 Amy Ln., Queensbury, NY 12804

FOR TRADE: I have several duplicate Photofacts, 200 through 600. Trade for my missing numbers from 1 thru 700. Send your wants and list of your duplicates. Headphones — have several to trade. If yours are better than mine, I'll add cash! Wanted — headphones by L-K, pay \$20 for nice pair. Want N.O.S. cloth headphone cords, lightning arrestors, strain insulators, small no-name horns without bases. Help! Does anyone have info on Stark 5-tube radio kit? Double help!! Still looking for any and all Songbird parts and literature. If you have any old W.T. Grant newspaper ads or catalogs, 20's Songbird parts may be there. Do you have Supremes most often radio, 1955, 56, 57? How about Gernsback Vol. 4 with supplements? I have cash, or Riders, other books to trade. Support your local radio club! Dick Mackiewicz, 1549N. River Rd., Coventry, CT 06238. (203) 742-8552

WANTED: Post World War II small metal radios made by Arvin or Kent. Mark Hewitt, 4396 Straw Ln., Roscoe, IL 61073. (815) 623-8729

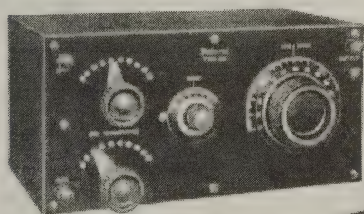
FOR SALE: SX96, SX99, SX130, S-41-G, Echophone ECIB, National SW54. Pete Putra, 1429 Lawndale Ave., Racine, WI 53403. (414) 632-2543

FOR SALE: Emerson 850 subminiature tube portable, untested, fair condition, battery operated — \$15. Lance Walker, 7116 Reedy Creek Rd., Charlotte, NC 28215. (704) 568-5379

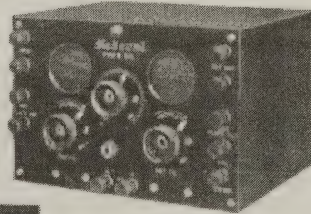
WANTED: Six-tube shields suitable for Philco Model 19, Code 121, 1 15/16" O.D. 4 9/16" high. Rodney Schrock, 402 Lincoln St., Somerset, PA 15501

WANTED: Test instrument by Biddle. Various telegraph instruments for sale. H. Weiland, 8946 W. Grantosa, Milwaukee, WI 53225. (414) 463-4681

WANTED — FEDERAL SETS



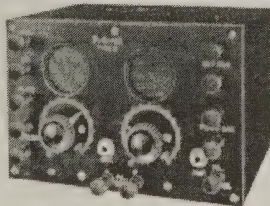
No. 56 1-stage
RF Amplifier &
Detector (right).



No. 8 Detector
& 1-stage AF
Amplifier (left).

No. 60 Tuner (above), two tuned circuits for broadcast reception.

All units are in black metal cabinets and are designed to be used in combination with each other and the No. 55 RF amplifier and the No. 9 AF amplifier, already in my collection.



As it may be a long time before I find any of these sets, remember to call me if and when you can part with yours. I am putting together a collection of early broadcast and wireless equipment and adding to it each month. I buy single sets or collections — also, books, catalogs, manuals and other related documentation. Now that I have moved my business (A.R.C.) out of my home, I have roooooom!

Call and surprise me; make my day!

John V. Terrey, 498 Cross Street, Carlisle, MA 01741 — (508) 369-9770

WANTED: Zenith 25-tube Stratosphere model for cash. Dan Powers, PO Box 728, Odgen, IA 50212. (515) 432-2600

WANTED: Commercially built ham transmitters and accessories of the 30s and 40s. National SW3 Universal model, uses octal tubes, to complete my collection. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

FOR SALE: Decals made to order. Single color-black only. As low as \$5 each. John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002. (215) 542-1597

FOR SALE/TRADE: Edison Standard green oak phonograph - \$575. Also Peter Pan camera-style Gramophone - \$275. Bernie Seinberg, K3RSW, 801 Sand Wedge Ct., Warrington, PA 18976. (215) 343-7743

WANTED: Camelback telegraph keys and other very early keys. Very early sounders, relays and measuring instruments used with the telegraph. I am seeking nice examples of early telegraph instruments, but also want incomplete or damaged items for parts. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

WANTED: Promotional plastic car/AM radios from the mid-60's. Not reproductions. Jerry Becker, 1704 Larry Dr., Plover, WI 54467. (715) 341-7610

FOR SALE: HV diodes, discs, axials, mylars. Send for free flyer. Greg Chase, Midwest Electrotec Inc., 2411 Holly Dr., Pekin, IL 61554. (309) 347-3950

FOR SALE: McMurdo Silver Masterpiece V, Clifton cabinet, complete, excellent original condition, chrome excellent - \$4,000. Bob Karow, 620 Cortleigh Dr., York, PA 17402. (717) 757-4321

WANTED: Bearcat Model BC-W weather alert radio. It has orange touch bar on top. Thomas Abell, 1022 S. Edison Ave., South Bend, IN 46619. (219) 234-8405

The Radiophile

THE U.K.'s LEADING VINTAGE
RADIO PUBLICATION

If you are interested in collecting, restoring, repairing or just reading about the kind of valve radio sets that took pride of place in homes of the 1920s - 1940s, **The Radiophile** is the magazine for you. Written by experts in their fields and edited by Chas. E. Miller, who has long experience in both radio and technical journalism, **The Radiophile** is acknowledged as the most informative and practical of all publications in the U.K. vintage radio field.

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The Radiophile,
"Larkhill, Newport Road,
Woodseaves,
Stafford, ST20 0NP,
ENGLAND.

Telephone 011-44-785-284696

FOR SALE/TRADE: (for pre-WWII Zenith sets): Zenith consoles: 6S52, 9S54, 5S150, 11S474, 7S657, 8S661. Zenith table sets: 7S529, 8H023. On a trade, consoles and TV's you pick up, or I may deliver within a reasonable distance. Martin Blankinship, Box 157, Lecompton, KS 66050. (913) 887-6681

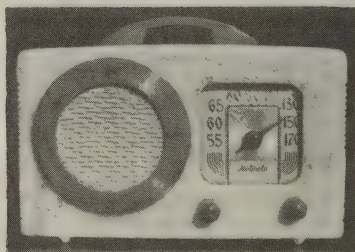


WANTED: Radios, parts & radio brochures & flyers & pamphlets. Catalins, Plaskons, part sets. Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709. (914) 337-7176

FOR SALE: Sams Photofacts (112) from early 1960's in original envelopes with original gray steel filing cabinets. Best reasonable offer by December 1, 1992, send LSASE or call for numbers of Photofact folders. Rider television manuals Volumes 1-26 - \$350 plus shipping. Rider radio manuals volumes 1-5 abridged, 6-21 - \$300 plus shipping; both sets excellent condition. Louis Schmidt, 1362 West Front St., Lincroft, NJ 07738-1119. (908) 741-4223

WANTED: Radio paper items about standard AM broadcast stations, shortwave broadcast stations and the radio listening hobby, 1920-1955. Old station lists, "radio log" booklets, radio maps, radio club bulletins, QSL-cards, "applause cards," postcards picturing stations, EKKO stamps, RADEX magazine. Not interested in radio personalities or ham radio. Contact: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173. (617) 861-8481

FOR SALE/TRADE: Receivers: Drake 2A, Hallicrafters S20R, S120, WWII military. Demco Satellite CB, many others. Charles Zafonte, N1FRX, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273



WANTED: Catalin radios by Motorola in any color combination and any condition (interred and exhumed OK). I am now paying 10% over top dollar plus shipping. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Used radio and TV tubes, Sams Photofacts, capacitors, speakers. Send \$1 for list. Ron Hoch, 564 Liberty Ln., Westerville, OH 43081

FOR TRADE: My Stancor ST 202A xmitter for your old communications receiver. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: Garod 5A02, white with red, slight paint chips – \$110. Silvertone 6409 – \$95. Emerson 8A 199 (Collins, p. 31) – \$140. Emerson 706, white (Bunis I, p. 62) – \$115. DuMont Chinese red dresser clock radio – \$145. Original white painted Bakelite Zenith 5R312, slight wear – \$225. Repainted Coca Cola cooler radio – \$650. Refinished AK 510 console (F.O.S., p. 65) – \$550. AK console, 10-tube in original finish cabinet like 711 (F.O.S., p. 65) – \$550. Wonderful RCA Tombstone 128 – \$225. Crosley Widget or Elf cabinet only – \$195. Art Deco Stewart-Warner wooden 5-tube (BFTP, p. 131 bottom) – \$165. Silvertone large wooden cube 4764, speaker in top – \$145. Zenith 829 chrome front cabinet beautifully restored. Zenith 809 chrome front, cabinet beautifully restored. Philco grandfather clock – \$475. Very nice Zenith 6S128 tombstone – \$325. Zenith Walton set, 7J232 or 9S232. 1930's and 1940's Radio Retailing Magazines and others, duplicates from our collection for sale, SASE for list. We have about 10 EH Scott consoles for sale. Call for more info. Zenith Consoles: 15U270, 15U269, 15S373, 15S372, 12S370, 12U159, 12U158, 12A58, 12A57, 12S265, 12S266, 12S267, 12S568, 9S262, 9S367, 10S160, 10S156, 10S155, 10S153, near mint 8S154 and many others. Zenith table models: 288, 705, 807, 808, 9S30, 6B129, 6S27, 4B131, 5S126, 6D219, 5S127, 5S218, 5S228, 5R216, 5J217, 6D311, 7S323, 9S324, 6D413 (crack), 6P428, 6D425, 7S432, 7S530, 6S527, 6D525, 6D520W, 7S633, 7S634, and many others. Hallicrafters WR 4000 AM/FM SW xstr portable – \$175. Zenith Trans-Oceanics: 8G005 – \$175. G500 – \$125. 1000 – \$175. 3000 – \$175. 7000 American – \$295. 7000 with box – \$345. Zenith chairside: 12S245, 9S244, 9S242, 10S147, 9S344, 7S240, 7S342, and many others. We continue to offer our wonderful Zenith Brochure Book 1920-1946 for \$28.95 ppd. All radios unrestored electrically unless noted. We ship consoles anywhere and we do it right. Shipping extra unless noted. Satisfaction guaranteed, highest quality possible assured. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm Central time, 7 days. Fax only - (612) 727-1908 8 am to 8 pm 7 days

FOR SALE: Uher 4400 IC stereo, professional, portable, reel-reel recorder, 4 track, 4 speed, 5" reels, good condition – \$125 only! Quantity available. S & G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

WANTED: Fada Catalan radios in any color and condition. Please write or call: Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

FOR SALE: Over 50 table model radios. SASE for list with prices and condition. Art Collatz, N7818 Barker Lake Rd., Winter, WI 54896

FOR SALE: Silvertone 4500 first plastic TRF – \$135. **WANTED:** National SW-3 w/coils, PS. Zenith original Trans-Oceanic. Steve Lipsky, W2VVN, Antique Technology Ventures, 1254 Cox Rd., Rydal, PA 19046-1207. (215) 884-1817

WANTED: Philco 60 chassis. Philco 90 front base molding. Will buy parts sets. Curt Schreiber, 3923 E. Latoka St., Springfield, MO 65809. (417) 887-5184

FOR SALE: From a TV shop in the 40's-60's: Test equipment, 4-foot Philco sign, boosters, N.O.S. knobs, trim, rectifiers, yokes, fly-backs, transformers, switches, controls, tubes, caps, resistors. SASE. Doug Koehn, 609 S. 15th, Quincy, IL 62301. (217) 228-2115

FOR SALE: Tube and set tester #1-157-A-1944, new, never used with manual, 15 pounds – \$70. RCA TC-1910 series video monitor. RCA TC-2000 video closed circuit micro-camera – Offer? J. Cucci, PO Box 79 Riverdale, NJ 07457. (201) 835-0248

FOR SALE/TRADE: National receiver Model NC 240-D, very good condition. Phil Ray portable TV, Model TV 37, 1948/49, very good, works well. Zenith Trans-Oceanic port. receiver Model Chassis 5H40, handsome, works well. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

WANTED: Fisher Models TR1, 20A, RK20, 30A, 50A, 50AZ, 50F, 50M, 55A, Lincoln 60, PR66, FM80, 90A, 90C, 90R, 100RADIO, TX100, 160T, 175T, 200AMP, 200T, X202C, 205, 210T, 220T, 250TX, 450T, 701, 801. Also looking for RCA service notes: 1923-28, 1920-30, 1931-32, 1936, 1938. Rider's Volumes: 4, 17, 18, 21, 22, 23. Rider's Television Volumes 26, 27. Rod Peterson, 122 Poplar Ct., London, Ontario, Canada NGE-2X5. (519) 681-4973

FOR SALE: Wireless signed Duck transformer slide tuner 20" long, real nice – \$500. W.M.J. Mudrok slide tuner, 14" long, ex. nice, signed – \$500. GE wood Art Deco piano radio (Collins, p. 49), ex. fine, plays – \$300. Philco 20 cathedral, fine, plays – \$195. AK breadboard Model 10, 2-tags No. 4700 complete, fine – \$995. Belmont Model 5D144 push button, ivory rounded left end, nice original, plays – \$125. International Kadette, ex. fine plastic, walnut color, Model 41, all original – \$225. Philco Model 70 cathedral, plays, nice – \$195. Magnavox M-4 horn speaker, works – \$135. Magnavox horn speaker M-1, gold, works – \$175. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

FOR SALE: Magazines, books, catalogs, components, etc., 1920's-1960's. List ready 11-8. Stamp or SASE. Charles Closson, 1290 Glenwood Ave., San Jose, CA 95125. (408) 294-4702

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John V. Terrey, Proprietor

P.O. Box 803, Carlisle, MA 01741 U.S.A.

**Still delayed, but eventually I will get it finished!*

WANTED: Any Catalin radio parts: knobs chassis, grille cloth, cabinets or complete radios in any condition. Please call Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

MESSAGE: Wanted by VRE the Australian car radio buyer we met at the 1991 Rochester AWA meet. We have sets. Write with your want list and prices offered. We will respond with "haves." Vintage Radio Emporium, 97 Edinburgh St., Rochester, NY 14608

FOR SALE: Hallicrafters Model S-85, nice, plays - \$85. Hallicrafters S-38, nice, plays - \$75. Avalon by GE and Westinghouse, wood, 11" x 8", nice, plays - \$65. Emerson small wood compact radio, 12" x 8", plays, fine condition - \$65. Philco compact radio, wood, 12" x 10" oval top, fine plays - \$75. Philco 60 cathedral, nice, all original, plays - \$135. Hotpoint GE heater, brown, nice, made like radio grille with fan, works, with handle - \$125. SAMS, 10 audio manuals, ex. nice - \$125. Bristol large brown horn speaker, excellent, works - \$200. Bristol small brown horn speaker, excellent, works - \$175. Edison Mabry, 715 Longview, Mansfield, OH 44906. (419) 526-1175

WANTED: Stancor/Chicago standard HF and BO series output transformers, home built tube amplifiers. Leif Blackmon, 7 Larson Rd., N. Reading, MA 01864. (508) 664-0174

FOR SALE: 01A boxes - \$1.50. Tube sockets - \$1. Edison Konowatt motor - BO. EICO 723 60W transmitter - \$35. Auto radios - \$20. Philco 72 chassis - \$40. Transistors: Grand, Tempest, Toshiba, Federal, Universal, Juliette - \$8 ea. Pilot Wasp 80. Westinghouse charcoal blue H-902P6GPA, mint. Farnsworth K265 Radiophonograph. Wood Lark 4 - \$130. AK 30E, excellent - \$140. Cathedrals: Philco 37-84, Crosley 157 - \$148. Tube testers: Hickock 6000, Precision, Mercury 990, Tube caddies - \$35. General Electric 515F clock-radio - \$32. Bicycle radio. Orion JT-602 Japanese 4 X 2.5 - \$40. AM/FM transistor, like "radio" word - \$35. Westinghouse 505P4 - \$30. Radiola IIA parts. Television knobs, 100s - \$20. Silvertone minitube - \$83. Bell high fidelity 2520. Atwater Kentspeaker. David J. Grace, 20 Oneida St., Johnston, RI 02919. (401) 331-6641

FOR SALE: Announcing the mister transistor pre-holiday sale. Get your orders in now for my rebuilt transistor beauties. I currently have a dozen Zenith 500s in incredible condition for those 1950s nostalgia buffs. That's not to mention my 888s and dozens of recent acquisitions from the AWA meet in Rochester. Don't wait as the international faxes are pouring in requesting all sorts of collectibles for our friends overseas. Radioactivity never glowed so brightly. Also note that I keep in stock approximately 300 restored/rebuilt collective early transistor radios and consoles, cathedrals, tombstones, plastics, and metals. As many of you know I am the Antique Radio SY SOP of the Collectors BBS. Just call (201) 635-4519 (2400-9600 baud) or (201) 635-6579 (1200-2400 baud) and say hello. Remember to get the lead out because Mister Transistor is radioactive. Henry B. Cohen, 2459 Eighth St., Fort Lee, NJ 07024. Tel (201) 585-0030, Fax (201) 585-1659

WANTED: Tube shields and speaker for Philco Models 70B and 90B (with/Type 47 in/output) cathedrals and band switch for Atwater Kent Model 165. I will consider buying a complete junker or one in need of major restoration. Doug Burskey, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

FOR SALE: Rek-O-Kut Rodine transcription turntable with big wood base & proper tone arm, works well, needs cartridge - \$95. Also 4 Rek-O-Kut G2 & Presto turntable for parts with 2 motors - \$55 or BO/all. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

SERVICES: Vintage radio and transmitter repair! All makes. Maximum labor per repair unit - \$96. Telo Technology, 1302 S. Uplands, Camano, WA 98292. (206) 387-3558

FOR SALE: Loctal tubes, checking good - \$10 plus postage, if I have your No. of tube. Harry S. Blair, 3401 S. Litanica, Chicago, IL 60608. (312) 247-7949

WANTED: Copy of instruction manuals: Heathkit Laboratory Generator LG-1 and Accurate Instrument Generator 153. Mark Byrd, 6710 Sutter Park, Houston, TX 77066. (713) 440-7745

WANTED: Heathkit catalog info.: Wanted Zerox of the page that lists the IO-4550 oscilloscope. Frank Sonnek, K0JM, 914 S. Jay, Aberdeen, SD 57401. (605) 225-5648

FOR SALE: Last month's ad was a huge success! The demand for quality radios at reasonable prices is great, so here's more investment quality radios: Aetna, brown w/white trim (same as Bunis I, p. 24 middle) - \$40. Bendix 0526E (Bunis I, p. 35), mint, w/original papers - \$50. Bendix 626A, white - \$50. Bendix 0526A (Collins I, p. 71, Bunis II, p. 35) - \$75. DeWald red w/yellow swirls Catalin harp w/ herringbone grille cloth, mint - \$1,400. Emerson 541 (Bunis I, p. 60) - \$40. Fada 855, heavily marbled plastic, brown & orange w/ original box - \$195. General Television radio, same as Catalin-type, except cloth-covered w/white plastic trim - \$95. Detrola cathedral, smallest model - \$395. Hallicrafters SX25 Super Defiant w/matching Hallicrafters Deco speaker, mint & working - \$385. Motorola outdoor advertising sign & thermometer, 8" x 38" long, reads "For Car & Home - MOTOROLA - America's Finest Radio," red, yellow & blue - \$495. Norelco Bakelite table model, shortwave, BX 558 - \$65. Peerless speaker, cathedral style, ex. working - \$95. Philco Predicta remote tandem, working - \$575. Philco tombstone 630, same as 620 (Bunis I, p. 120) - \$65. Philco 42-321 (Bunis I, p. 113) - \$40. Philco Transitone 52-542, white (G.O.R., p. 127) - \$65. Philco 38-62, same as 37-62, (Bunis II, p. 126) - \$75. Radiola 61-9, white (Bunis II, p. 145) - \$45. Radio Keg (Bunis I, p. 123) - \$300. Radiola 60 (Bunis II, p. 158) - \$110. Radiola 17, mint - \$125. Silvertone Deco table model (Collins II, P. 63) - \$95. RCA portable 6BX63 (G.O.R., p. 127) - \$35. RCA 9X571, (G.O.R., p. 116) - \$55. Sony, first transistor to 8301-W, complete - \$165. RCA BP-10, (Bunis I, p. 130) - \$55. Stromberg-Carlson 852-H, white, shortwave (same as Bunis II, p. 181 top) - \$50. Zenith Deco console teardrop, shutter dial, green tuning eye, working, all original, 7S260 - \$295. Zenith console Model 52 - \$275. Zenith portable maroon plastic, real nice J402-R - \$40. Zenith Trans-Oceanics: 7G605 - \$175; R-600 - \$95; H-500 - \$95; 8G005 - \$85; Royal 3000, mint, working - \$165. Transistor radio, Starlight, pink w/white trim (similar to color picture in G.O.R.) - \$85. Eric and Sirelle Fogel, 87 Sandra Dr., Parsippany, NJ 07054. (201) 316-8461; Fax: (201) 316-8424

WANTED: Chassis for GE K-63 or RCA 120 and Silvertone 101.802-1. Junius J. Bailey, W5FTW, 1002 Reeves St., Abilene, TX 79602. (915) 675-6006

FOR SALE: 50 lbs. of Teletype Corp. manuals. Models 14, 25, 28, 35, 37, 38, ASR, etc. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

WANTED: Tubes wanted, duds okay: 806, 886, Sodiion D21, CECOP-1, RM-208, RM-209, VT-102, WE 204(A), Aeriotron WR21, Mussleman 3VA, Type R valve. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

WANTED: RCA 9T tombstone, and cabinet for 10T, any condition. Bruce Young, 4030 Quitman St., Denver, CO 80212. (303) 458-7408

SERVICES: Radio repair by collector. Free estimates. **WANTED:** Iron core adjustable RF, IF transformers. Dave Dameron, KG6BP, 819 Boundary Pl., Manhattan Beach, CA 90266-6621. (310) 318-5311

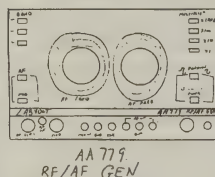
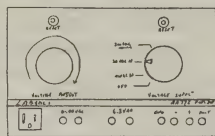
FOR SALE: General Electric K50 cathedral - \$200. Riders I and II - \$85 plus UPS. Brian Roberts, 3068 Evergreen Rd., Pittsburgh, PA 15237

FOR SALE: Philco 90 console, near mint condition, original finish, works - \$160. Pickup only. John Schehrer, 508 Gray, Joplin, MO 64801. (417) 781-4028

FOR SALE: Radios, speakers, earphones, parts, tubes, books, magazines, Rider's manuals. Send \$5 for list. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

WANTED: Cabinets for Zenith #7J045T and Philco #16. Knobs for GE L-632 (Bunis II, p. 89). Ralph L. Dichter, II, PO Box 2561, Gearhart, OR 97138

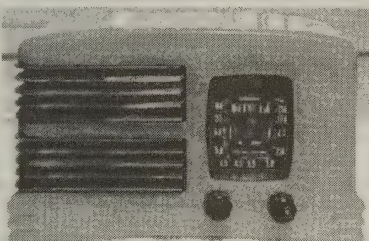
FOR SALE: Labvolt solid-state test equipment, rackmount, from closed tech school - \$45 ea./\$82 pair. AA779 RF-AF generators, 20 Hz-200 Hz AF, sine/square wave, 200 kHz-4.8 MHz RF, two complete generators in one. AA772 AC/DC power supplies, 6.3 VAC 2A, 30-300 VDC 100 mA, .5-40 VDC 1A, 0-40 VAC 2A, 2-amp variac. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27576. (919) 936-3000, evenings



WANTED: Arvin 8576, 9577; Emerson 849, 999; RCA 7-BT-9J; Admiral 7L. David Mednick, 1450 Palisade Ave., #5-H, Fort Lee, NJ 07024. (201) 461-3082

FOR SALE: Zenith 9H885 chassis w/spkr - \$35. Philco 42-350, works, good original - \$65. Jackson 103 tube tester - \$35. Small Airline radio - \$20. Bogen P.A. amp, ugly, works good - \$20. Chrome power amp, very good - \$40. S-108 Hallicrafters - \$60. S-72R Hallicrafters - \$65. R390-A, immaculate - \$300. I pay ship. Postal Money Orders please. Robert A. Varney, 7515 Maria E. Ln., Cheyenne, WY 82009. (307) 635-4748

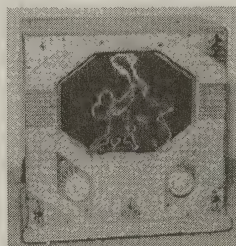
WANTED: RCA UD824, UD825, 1/4" to pin jack adapters. Radiola VI, VII. 12JP4 CRT. J. C. Woychowski, 291 Main St., Niantic, CT 06357. (203) 739-6579



WANTED: Detrola Catalin radios in any shape, size, or color. "Split-grille" design also came in similar Symphony & Crosley models. Remember: I'm the guy that buys from the people that buy from the people who pay more than the people paying more than anyone else - except me. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

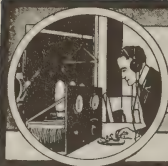
FOR SALE: Superex 4-transistor radio kit with box, excellent - \$135. Zenith cloth advertising banner, 3 1/2 feet by 2 1/2 feet, excellent - \$190. N.R.I. Service Manual, Vol. #1, covers radios before 1946 - \$35. Zenith gold tube shields - \$4 ea. Zenith Service Manuals Vols. 1, 2, 3, 4 - \$135. Ten good used #80 tubes - \$3 ea. GE transistor radio #P-761A, green, excellent - \$20. Ten 5U4GB tubes, N.I.B. - \$3 ea. 6L6 tubes, N.I.B. - \$5 ea. Mini stereo novelty transistor, excellent - \$35. Shipping extra. Rick Yerke, PO Box 392, Moscow, PA 18444. (717) 842-4857

FOR SALE: 1. Zenith Trans-Oceanic Model H-500, good condition, plays - \$50. 2. DeWald AM & FM tuner, untested - \$10. 3. Chevrolet AM car radio, 1940?, untested - \$25. 4. RCA radio chassis Model 610, AM OK, FM weak - \$20. 5. Zenith console radio, AM & FM, Model H-880 - \$30. 6. Fisher Radio Corp. AM & FM console, works - \$50. 7. Westinghouse radio console, Model WR368, works - \$75. 8. Philco table radio, Model 51-532-123, excellent condition - \$50. 9. Mantola radio, brown plastic table radio, Model R664PM made by RCA for B.F. Goodrich Co., excellent condition - \$50. 10. Zenith 24-inch black & white TV, working, cabinet excellent - \$200. All items plus freight and/or UPS, TV pick up only. David Lyons, 623 Carlson St., Sycamore, IL 60178-2401. (815) 895-6862



FOR SALE: 1933 Emerson Mickey Mouse radio - \$1,850. Sterling Deluxe, brown swirl - \$125. Crosley Oracle cabinet - \$50. Crosley Musical Chef - \$40. Have any unusual crystal sets or horn speakers to trade? **WANTED:** Lyric S-7 chassis or entire radio, Amplion AR-14 driver, bicycle radios, Midwest and Kadette radios. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

FOR SALE: RCA 96-T - \$55. Zenith C-835-R - \$30. RCA BT-42 - \$50. Farnsworth CT-52(?) - \$35. RCA Dynamic Demonstrator II - \$350. ACE-3B, 3 mouse holes - \$75. GE L-610, hums, plastic, lovely - \$75. **WANTED:** Hamilton, Elgin, Gruen wristwatches. Del Tysdal, TYVM, 812 Broadway, Fargo, ND 58102. (701) 293-9328



COMING RADIO EVENTS



MISSISSIPPI - Oct. 30-31

MISSISSIPPI HISTORICAL RADIO
AND BROADCASTING SOCIETY
FALL SHOW AND TELL

Meridian, MS - Village Fair Mall

Info: Randy Guttery, 2412 C Street
Meridian, MS 39301 - (6101) 693-5958

COLORADO - Nov. 8

COLORADO RADIO COLLECTORS
MEETING - SWAP MEET

Denver, CO - South West Bank Bldg.
Community Room, 1380 S. Federal Blvd.

Meeting - 1 pm; 3 pm - Swap Meet
Info: Rick Ammon - (303) 224-5446

OHIO - Oct. 31-Nov. 1

BUCKEYE ANTIQUE RADIO AND
PHONOGRAPH CLUB
SHOW

Akron, OH - Chapel Hill Mall, 2000 Britten Rd.
During Mall Hours

Info: Jim Davison, 4958 E. 86th St.
Garfield Hts., OH 44125 - (216) 441-3471

MISSISSIPPI - Nov. 8

MISSISSIPPI HISTORICAL RADIO
AND BROADCASTING SOCIETY
MEETING

Meridian, MS - 2412 C Street
2 pm

Info: Randy Guttery, 2412 C. St.
Meridian, MS 39301 - (601) 693-5958

NEW YORK - Nov. 1

GREATER N.Y. VINTAGE WIRELESS ASSOC.
SWAP MEET

Lake Ronkonkoma, NY - 9 am

Info: Steve Coughlin - (516) 324-3012 or
Chris Bacon - (516) 981-6538

GEORGIA - Nov. 10

SOUTHEASTERN ANTIQUE RADIO SOCIETY
MEETING

Chamblee, GA - Shoneys Restaurant
Peachtree Industrial, 1 mi. North of I-285

6:30 pm - Meeting
6 pm - Mini Meet before Monthly Meeting

Info: Charles Pierce - (404) 233-1340, or
David Martin - (404) 578-1270

ARKANSAS - Nov. 5

ANTIQUE RADIO COLLECTORS CLUB
OF FT. SMITH - CLUB MEETING - 7:30 pm

Ft. Smith, AR - Creekmore Park
Magnolia Room, Greenwood and Rogers
Info: Wanda Conatser - (501) 646-7147

OHIO - Nov. 10

ANTIQUE RADIO COLLECTORS OF OHIO
MEETING

Kettering, OH - First Natl. Bank Basement
4100 Far Hills Avenue
SE corner of Far Hills Ave. and Stroop Rd.
7:30 pm

Topic: "Superheterodynes"
Info: Karl Koogle, 2929 Hazelwood Ave.
Dayton, OH 45419 - (513) 294-8960, after 6 pm

CALIFORNIA - Nov. 7

CALIF. HISTORICAL RADIO SOCIETY
SWAP MEET

Redwood City, CA - Ampex Corp. - 8:30 am
Info: Jim McDowell, 2265 Panoramic Dr.
Concord, CA 94520 - (510) 676-2605

PENNSYLVANIA - Nov. 10

DELAWARE VALLEY
HISTORIC RADIO CLUB
MEETING - SWAP MEET - AUCTION

Souderton, PA - 117 Main St.
7:30 pm
Info: Radio Attic, PO Box 624, Lansdale, PA
19446 - (215) 368-2520

TEXAS - Nov. 7

HOUSTON VINTAGE RADIO ASSN.
SWAP MEET & BARBECUE PICNIC
Clear Lake City, TX - Armand Bayou Park
10 am

Info: Richard Collins, 8722 Reamer St.
Houston, TX 77074 - (713) 778-0271

ARKANSAS – Nov. 12

ARKANSAS ANTIQUE RADIO CLUB CLUB MEETING

Little Rock, AR – The Auditorium
S.W. Bell Bldg., 120 W. 8th St. – 7 pm
Info: Tom Burgess – (501) 565-1750

NEW JERSEY – Nov. 13

NEW JERSEY ANTIQUE RADIO CLUB NEW CLUB FORMING – MEETING

Freehold, NJ – VFW Hall
7-9:30 pm – Swap & Meeting
Info: Don Cruse – (908) 542-2848
Tony or Kathleen Flanagan – (908) 462-6638

ARIZONA – Nov. 14

ARIZONA ANTIQUE RADIO CLUB FALL SWAP MEET & AUCTION

Tempe, AZ – Back parking lot, Antique
Electronic Supply, 6221 S. Maple Ave.
8-11 am – Swap Meet
10:30 am – Donation Auction
Info: George A. and George H. Fathauer
(602) 820-5411

MINNESOTA – Nov. 14

NORTHLAND ANTIQUE RADIO CLUB FALL SWAP MEET

N. St. Paul, MN – Christ Lutheran Church
9 am – 2 pm
Info: Don Hauff, Box 16351
Minneapolis, MN 55416 – (612) 374-9739

OKLAHOMA – Nov. 14

OKLA. VINTAGE RADIO COLLECTORS NEW CLUB FORMING MEETING

Oklahoma City, OK – Gary Dales Barbeque
NW 63rd and May Avenue
6 pm
Info SASE to: OKVRC, PO Box 72-1197
Oklahoma City, OK 73172-1197
(405) 722-0595

OREGON – Nov. 14

NORTHWEST VINTAGE RADIO SOCIETY MEETING

Portland, OR – Rasada Museum
7675 SW Capitol Highway, at 32nd St.
10 am – Cabinet Repair & Nominations
Info: Ed Charman, PO Box 82379
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NEW YORK – Nov. 15

HUDSON VALLEY VINTAGE RADIO CLUB SWAP MEET – FLEA MARKET

Hyde Park, NY – WHVW Radio Station
507 Violet Ave., Rt. 9G, 1 mile E. of Rt. 9
9 am

Info: Al Weiner or J. P. Ferraro
(914) 471-9500

NEW YORK – Nov. 15

ANTIQUE RADIO CLUB OF SCHENECTADY MEETING

1:30-2 pm – Flea Market
2 pm – Meeting

Info: Jack Nelson, W2FW, 915 Sherman St.
Schenectady, NY 12303

WASHINGTON – Nov. 15

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA – Shoreline Museum
749 North 175th St., 1 mile W. of I-5, exit 176
12 noon – Meeting
Info: Al Atworth, PO Box 125
Snohomish, WA 98291-0125 – (206) 568-2698

CALIFORNIA – Nov. 18

SACRAMENTO HIST. RADIO SOCIETY MEETING

N. Highland, CA – SMUD Foothill – 7 - 9 pm
Service Center, Room D, 5026 Don Julio
Info: Secretary SHRS, PO Box 162612
Sacramento, CA 95816

NEW YORK – Nov. 19

HUDSON VALLEY ANTIQUE RADIO AND PHONOGRAPH SOCIETY/ARCA MEETING

Goshen, NY – Cataract Firehouse – 7-9 pm
Info: John & Linda Gramm, Box 1, Campbell
Hall, NY 10916 – (914) 427-2602, 6-9 pm

CALIFORNIA – Nov. 20-21

SO. CALIF. ANTIQUE RADIO SOCIETY MEET

Norwalk, CA – Saddleback Inn
Nov. 20: Noon
Nov. 21: 7 am

Info: Bob Baumbach – (818) 845-7807

Enclose a SASE when requesting info.

MARYLAND – Nov. 21

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Laurel, MD – Applied Physics Lab
John Hopkins University – 6 pm
Info: Joe Koester – (301) 725-4229

TEXAS – Nov. 21

VINTAGE RADIO & PHONOGRAPH SOCIETY FALL SWAP MEET

Irving, TX – 906 Senter Street
All Day – Swap Meet
Info: George Potter – (214) 315-2553

ALABAMA – Nov. 23

AL. HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Homewood Public Library
1721 Oxmoor Road – 7 pm
Info: ALHRS, 4721 Overwood Circle

OHIO – Nov. 24

SOCIETY FOR PRESERVATION OF ANTIQUÉ RADIO KNOWLEDGE NEW CLUB FORMING – MEETING

Dayton, OH – WQRP Radio Studios,
2673 So. Dixie Dr. – 7:30 pm
Info: Harold Parshall, 2673 So. Dixie Dr.
Dayton, OH 45409 – (513) 298-4044, days
(513) 268-2909, evenings

CALIFORNIA – Dec. 8

CALIF. HISTORICAL RADIO SOCIETY NORTH VALLEY CHAPTER MEETING

Redding, CA – 7 pm
Info: Norm Braithwaite – (916) 246-4209

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Mention A.R.C. when contacting clubs!

MARK YOUR CALENDAR

Thru '93 – FL, Cypress Gardens – Exhibit*
Oct. 30-31 – MS, Meridian – MHR&BS Show*
Oct. 31 – Ontario, London – LVRC Workshop
Oct. 31-Nov. 1 – OH, Akron – BARPC Show*
Nov. 1 – NY, Lake Ronkonkoma – GNYVWA §*
Nov. 1 – NY, Rochester – AWA Meeting
Nov. 5 – AR, Ft. Smith – ARCCFS Meeting §*
Nov. 7 – CA, Redwood City – CHRS Swap Meet*
Nov. 7 – TX, Houston – HVRA Swap Meet*
Nov. 8 – CO, Denver – CRC Meet*
Nov. 8 – MS, Meridian – MHR&BS Meeting §*
Nov. 10 – GA, Chamblee – SARS Meeting §*
Nov. 10 – OH, Kettering – ARCO Meeting §*
Nov. 10 – PA, Souderton – DVHRC Club §*
Nov. 12 – AR, Little Rock – AARC Meeting §*
Nov. 13 – NJ, Freehold – NJARC Meeting §*
Nov. 14 – AZ, Tempe – AARC Swap Meet*
Nov. 14 – MN, N. St. Paul – NARC Swap Meet*
Nov. 14 – OK, Oklahoma City – OKVRC Meeting §*
Nov. 14 – OR, Portland – NWVRS Meeting §*
Nov. 15 – NY, Hyde Park – HVVRC Meet §*
Nov. 15 – NY, Schenectady – ARCS Meeting*
Nov. 15 – WA, Seattle – PSARA Meeting §*
Nov. 18 – CA, N. Highlands – SHRS Meeting §*
Nov. 19 – NY, Goshen – HARPS Meeting §*
Nov. 20-21 – CA, Norwalk – SCARS Meet*
Nov. 21 – MD, Laurel – MAARC Meeting §*
Nov. 21 – TX, Irving – VRPS Swap Meet §*
Nov. 23 – AL, Birmingham – ALHRS §*
Nov. 24 – OH, Dayton – SPARK Meeting §*
Dec. 5 – TX, Houston – HVRA Party §
Dec. 8 – CA, Redding, CHRS-NVC Meet*
Dec. 8 – GA, Chamblee – SARS Meeting §*
Dec. 8 – OH, Kettering – ARCO Meeting §
Dec. 12 – OK, Oklahoma City – OKVRC Meeting §
Dec. 13 – MS, Meridian – MHR&BS Meeting §
Dec. 19 – MD, Laurel – MAARC Meeting §
Dec. 19 – OR, Portland – NWVRS Party §
Dec. 20 – NY, Hyde Park – HVVRC Meet §
Jan. 16 – OH, Columbus – SPARK Swap Meet
Jan. 16 – TX, Houston – HVRA Mega Auction
Jan. 23 – NH, Nashua – NEARC Meet
Mar. 26-27 – NC, Monroe – AWA/SE Meet
Apr. 17 – NH, Nashua – NEARC Meet
Apr. 22-23 – OH, Dayton – SPARK Swap Meet
May 21-22 – MN, Bloomington – Radio Daze '93
Jul. 17 – NH, Nashua – NEARC Meet

* See expanded listing this month. § Monthly Meeting.

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Decorah, IA 52101

**Listings on these pages are free to
antique radio clubs, as space permits.
Please include date, time, where, direc-
tions, & information/contact person.
Submission Deadline – 5th of month.**

RADIO CLUB LISTINGS

CLUBS: Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for hamfests. Always send a SASE when writing to clubs!

NATIONAL CLUBS:

Antique Wireless Association (AWA). P.O. Box "E", Breesport, NY 14816. Pub: *The Old Timer's Bulletin*, quarterly. Dues: \$12.00. National and regional conventions. Museum.

Antique Radio Club of America (ARCA). William H. Dawson, 300 Washington Trails, Washington, PA 15301. Pub: *The Antique Radio Gazette*, quarterly. Dues: \$12.00. National and regional conventions. Regional chapters.

REGIONAL CLUBS:

Alabama Historical Radio Society (ALHRS). 4721 Overwood Circle, Birmingham, AL 35222. Newsletter, monthly. Dues: \$20.00. Meetings 4th Mon. evening each month but Dec., annual show/swap meet.

Antique Radio Club of Illinois (ARCI). Carolyn Knipfel, RR 3, 200 Langham, Morton, IL 61550. Pub: *ARCI News*. Dues: \$12.00. Annual Radiofest and additional meets each year.

Antique Radio Club of Schenectady (ARCS). Jack Nelson, W2FW, 915 Sherman St. Schenectady, NY 12303. Monthly meetings except summer.

Antique Radio Collectors Club of Ft. Smith, Arkansas. Wanda Conatser, 7917 Hermitage Dr., Ft. Smith, AR 72903. Dues: \$10.00. Monthly meetings, annual show.

Antique Radio Collectors of Ohio (ARCO). Karl Koogler, 2929 Hazelwood Ave., Dayton, OH 45419. Pub: *The ARCO Code*, quarterly. Dues: \$10.00. Monthly meetings.

Arkansas Antique Radio Club (AARC). Tom Burgess, P.O. Box 9769, Little Rock, AR 72219. Dues: \$5.00. Monthly meets.

Arizona Antique Radio Club (AARC). Treasurer, 8311 E. Via de Sereno, Scottsdale, AZ 85258. Pub: *The Arizona Antique Radio Club News*, quarterly. Dues: \$15.00. Meetings, swap meets.

Belleville Area Antique Radio Club (BAARC). Karl Stegman, Treasurer, 4 Cresthaven Dr., Belleville, IL 62221, (618) 234-7992. Newsletter. Dues: \$10.00. Bi-monthly meetings.

Buckeye Antique Radio and Phonograph Club (BARPC). Steve Dando, 4572 Mark Trail, Copley, OH 44321. Pub: *Soundings*, bi-monthly. Dues: \$5.00. Quarterly meetings.

California Historical Radio Society (CHRS). Jim McDowell, 2265 Panoramic Dr., Concord, CA 94520. Pub: *The Journal*, quarterly. Dues: \$15.00. Quarterly swap meets.

North Valley Chapter, CHRS (NVC-CHRS). Norm Braithwaite, PO Box 2443, Redding, CA 96099. Bi-monthly newsletter. Dues: \$5.00 (+ \$15.00 CHRS). Bi-monthly meetings.

Carolina Antique Radio Society. New club forming. Carl R. Shirley, 824 Fairwood Rd., Columbia, SC 29209.

Central New York/Northern Pa. Antique Radio Club (CNY/NPAARC). New club forming. Mark Gilbert, 711 Elm St., Groton, NY 13073.

Cincinnati Antique Radio Collectors (CARC). Tom Ducro, 6805 Palmetto, Cincinnati, OH 45227. Informal organization. Write to be put on mailing list. Two meets per year.

Colorado Radio Collectors (CRC). Bruce Young, 4030 Quitman St., Denver, CO 80212. Pub.: *The C.R.C. Flash*, bi-monthly. Dues: \$10.00. Bi-monthly

meetings/swap meets.

Connecticut Area Antique Radio Collectors. New club forming. John Drake, 23 E. Wharf Rd., Box 942, Madison, CT 06443. No newsletter, no dues. Meets. **Connecticut Vintage Radio Collectors Club (CVRCC).** John C. Ellsworth, Vintage Radio and Communications Museum of Conn., 665 Arch St., New Britain, CT 06051. Pub: *Connecticut Wireless Gazette*, 4-6 yearly. Dues: \$20.00. Museum. Library forming. Swap meets, spring and fall.

Delaware Valley Historic Radio Club (DVHRC). New club forming for Southeastern Penna. area. Radio Attic, PO Box 624, Lansdale, PA 19446. Dues: \$5.00. Monthly meetings with swap meets.

Florida Antique Wireless Group (FAWG). Paul Currie, Box 738, Chuluota, FL 32766. Pub: *FAWGhom News*, quarterly. Monthly tailgate swap meets, fall auction, and quarterly flea markets.

Greater Boston Antique Radio Collectors (GBARC). Richard Foster, 12 Shawmut Ave., Cohasset, MA 01778. Informal organization. Write to be put on mailing list. One winter and one spring meet each year.

Greater New York Vintage Wireless Association (GNYVWA). Bob Scheps, 12 Garrity Ave., Ronkonkoma, NY 11779. Pub: Meeting notices. Dues: \$4.00. Six meets/year and monthly meetings.

Hawaii Chapter/ARCA. New club forming. ARCA-Hawaii, 95-2044 Waikalani Pl. C-401, Mililani, HI 96789. Workshops, children's classes, Window on the World program.

Hawaii Historical Radio Club (HHRC). New club forming. Kevin Dooley, 45 Ala Kimo Dr., Honolulu, HI 96817. Newsletter, quarterly. Quarterly meetings/activities.

Houston Vintage Radio Association (HVRA). HVRA, PO Box 31276, Houston, TX 77231-1276. Pub: *The Grid Leak*, monthly. Dues: \$15.00. Monthly meetings and special regional events.

Hudson Valley Antique Radio and Phonograph Society-ARCA (HARPS). John Gramm, PO Box 1, Rt. 207, Campbell Hall, NY 10916. HARPS Newsletter, monthly. Dues: \$15.00. Monthly meetings, annual Old Time Radio & Phono Show.

Hudson Valley Vintage Radio Club. New club forming. Al Weiner, 14 Prospect Dr., Yonkers, NY 10705. Monthly meets.

Kentucky Chapter/ARCA. New club forming. KY/ARCA, 1907 Lynn Lea Rd., Louisville, KY 40216-2836. Meetings, meets, future museum.

Indiana Historical Radio Society (IHRS). 725 College Way, Carmel, IN 46032. Pub: *IHRS Bulletin*, quarterly. Dues: \$10.00. Quarterly swap meets in various areas of state.

Louisiana & Mississippi Gulf Coast Area. New club forming. F. V. Bernauer, 1503 Admiral Nelson Dr., Slidell, LA 70461

Michigan Antique Radio Club (MARC). Jim Clark, PO Box 585, Okemos, MI 48864. Pub: *The Michigan Radio Chronicle*, quarterly. Dues: \$12.00. Annual Extravaganza and other quarterly meets.

Mid-America Antique Radio Club (MAARC). Carleton Gamet, 2307 W. 131 St., Olathe, KS 66061. Pub: *The Broadcaster*, quarterly. Dues: \$8.00. Semi-annual auctions, swap meets.

Mid-Atlantic Antique Radio Club (MAARC). Joe Koester, 249 Spring Gap South, Laurel, MD 20724. Pub: *MAARC Newsletter*, monthly. Dues: \$15.00. Monthly meetings.

Middle Tennessee Old Radio Club. New club forming. Grant Manning, Rt. 2, Box 127A, Smithville, TN 37166.

Mid-South Antique Radio Collectors (MSARC). Ron Ramirez, 811 Maple St., Providence, KY 42450-1857. Pub: *Old Radio Times*, quarterly. Dues: \$10.00. Two meets per year.

Mississippi Historical Radio and Broadcasting Society (MHR&BS). Pub: MHR&BS newsletter, monthly. Dues: \$10.00. Randy Guttery, 2412 C St., Meridian, MS 39301. Monthly meetings and workshops.

Nebraska Radio Collectors Antique Radio Club (NARC). Steve Morton, 905 West First, North Platte, NE 69101. Pub: *The Resonator*, monthly. Dues: \$5.00. Monthly meetings Apr. to Sept., annual Sept. auction.

New England Antique Radio Club (NEARC). Marty Bunis, RR1, Box 36, Bradford, NH 03221. Pub: *Escutcheon Newsletter*, quarterly. Dues: \$10.00. Quarterly meets and auctions.

New Jersey Antique Radio Club (NJARC). New club forming. Kathleen Flanagan, 92 Joysan Ter., Freehold, NJ 07728. Dues: \$10.00. Monthly meetings, biannual swap meets.

Niagara Frontier Wireless Association (NFWA). Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Pub: *NFWA Chronicle*, quarterly. Dues: \$9.00. Regional meets. Permanent antique radio display and research center at the Amherst Museum, Amherst, N.Y.

Northland Antique Radio Club (NARC). P.O. Box 18362, Minneapolis, MN 55418. Pub: *The NARC Newsletter*, six/year. Dues: \$10.00. About six meets and two swap meets per year.

Northwest Vintage Radio Society (NWVRS). P.O. Box 82379, Portland, OR 97282-0379. Pub: *The Call Letter*, monthly. Dues: \$15.00. Monthly meetings.

Oklahoma Vintage Radio Collectors Club (OKVRC). PO Box 72-1197, Oklahoma City, OK 73172. Pub: *OKVRC Broadcast News*, monthly. Dues: \$12.00. Monthly meetings.

Pittsburgh Antique Radio Society, Inc. (PARS). Richard J. Harris, Jr., Secretary, 407 Woodside Rd., Pittsburgh, PA 15221. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10.00. Quarterly meetings.

Puget Sound Antique Radio Association (PSARA). PO Box 125, Snohomish, WA 98291-0125. Pub: *The Horn of Plenty*, monthly. Dues: \$20.00, \$15.00 for out-of-state. Monthly meetings.

Rhode Island Antique Radio Enthusiasts (RARE). New club forming. Len Arzooonian, 61 Columbus Ave., N. Providence, RI 02911. Informal monthly meetings.

Sacramento Historical Radio Society (SHRS). PO Box 162612, Sacramento, CA 95816-9998. Pub: *The Announcer*, quarterly. Dues: \$10.00. Special

meets, monthly meetings.

E. H. Scott Historical Society Inc. (EHSBS). John T. Meredith, PO Box 1070, Niceville, FL 32588-1070. Pub: *Scott News*, quarterly. Dues: \$20.00. Displays, presentations, registry, publications.

Society for the Preservation of Antique Radio Knowledge (SPARK). New club forming. Harold Parshall, 2673 So. Dixie Dr., Dayton, OH 45409. Pubs: *The Electronic Collector (TEC)*, quarterly; *SPARK Notes*, monthly. Dues: \$12.00. Monthly meetings, quarterly swap meets.

Society of Wireless Pioneers Inc. (SOWP). Paul N. Dane, W6WOW, 146 Coleen St., Livermore, CA 94550. Pub: *The World Wireless Beacon*, quarterly. Dues: \$10.00.

Southeastern Antique Radio Society (SARS). New club forming. David Martin, 1502 Wood Thrush Way, Marietta, GA 30062. Dues: \$10.00. Spring and fall swap meets. Mini-meet before monthly meetings.

Southern California Antique Radio Society (SCARS). C. Alan Smith, 6368 Charing St., San Diego, CA 92117. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$10.00. Quarterly meets in L.A. area and mini meets.

Southern Vintage Wireless Association (SVWA). Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. Pub: *SVWA Newsletter*, 3/year. Dues: \$5.00. Three swap meets/meetings per year.

South Florida Antique Radio Collectors. New club forming. Victor Marett, 3201 N.W. 18 Street, Miami, FL 33125.

Vintage Radio & Phonograph Society (VRPS). Larry Lamia, P.O. Box 165345, Irving, TX 75016. Pubs: *The Reproducer*, quarterly. *Sound Waves*, monthly. Dues: \$13.50. Monthly meetings, spring auction, annual convention.

Vintage Radio Unique Society. Jerry W. Sears, 312 Auburndale St., Winston-Salem, NC 27104.

Western Wisconsin Antique Radio Collectors Club (WWARCC). Dave Wiggert, 1611 Redfield St. La Crosse, WI 54601. Pub: *Radio Recollections*, quarterly. Dues: \$12.00. Bi-monthly meetings, annual Nostalgic Radio Swap Meet, museum and mall shows.

W. Va. Chapter, ARCA (ARCA-WVC). Geoff Bourne, 405 8th Ave., St. Albans, WV 25177, (304) 722-4690. Newsletter, monthly. Dues: \$25.00 (includes museum membership). Quarterly meets, monthly meetings.

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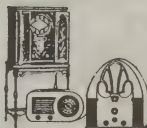
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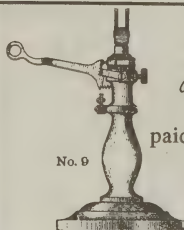
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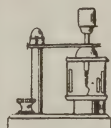
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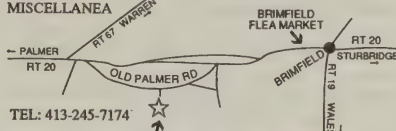
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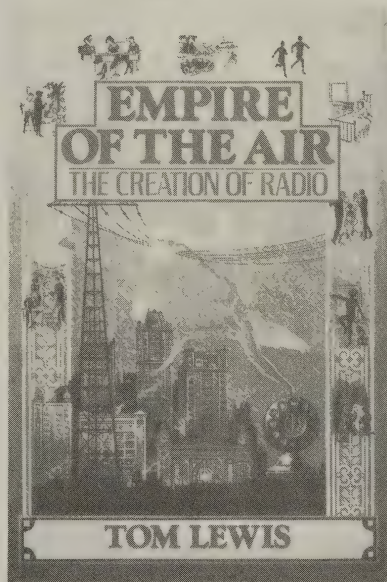


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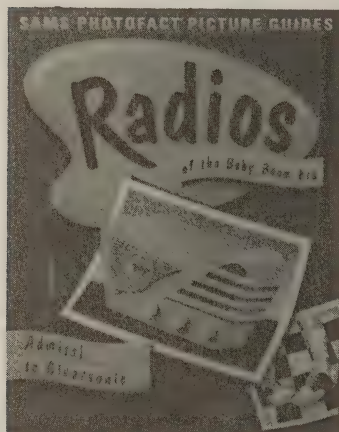
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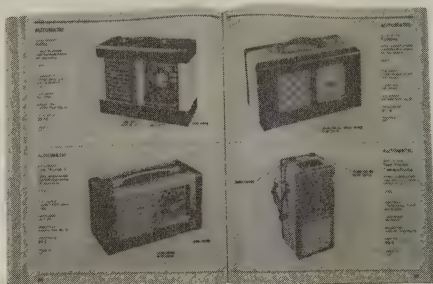
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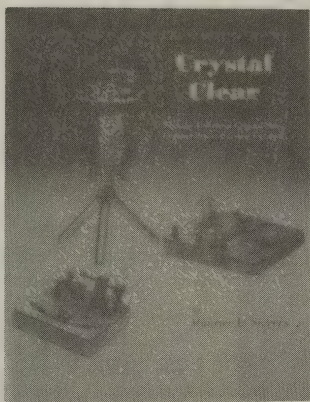
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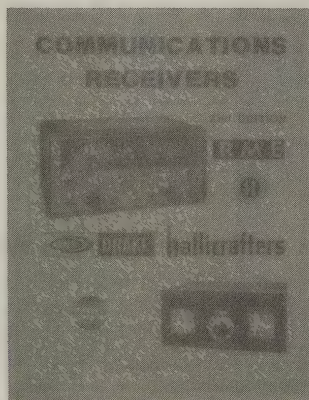
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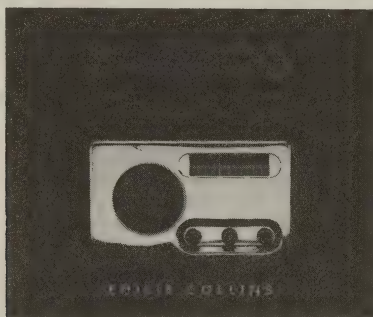


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- Radio & T.V. Collector's Guide Book**, Biraud. The "Vintage Radio" illustrated guide to European sets (very few British sets) from early wireless to the 1930s (a few later). Text is in both French and English.
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- Radio Trouble Shooting**, Haan (reprint). 1928 guide to trouble shooting battery sets. 317 pgs. \$14.95
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All books softcover except those marked "hardcover" or "hc." Send payment with order. Enclose \$2.50 shipping for orders under \$35. VISA and MasterCard accepted; include card number, expiration date and name on card. Money back return policy. Most books shipped the day received, but allow 2 to 4 weeks to receive order. Mass. residents add 5% sales tax. Foreign orders - write for shipping costs or use credit card and specify surface or air.



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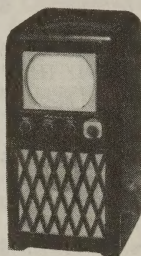


(Aug-92)



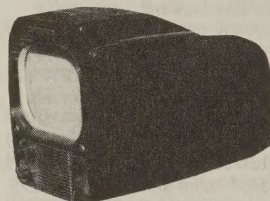
BAKELITE IS BEAUTIFUL!

FOR SALE: Admiral 10" bakelite console. Not only is it big and bakelite-it was the biggest piece of bakelite made in 1947/1948. Admiral bought a huge press, and had to add three stories to their building, just to make this TV! Clean and complete, stands only 32" tall, priced at \$195 in As Found condition, Or \$295 electrically restored and ready



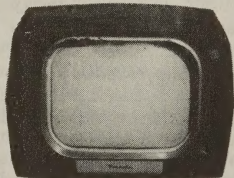
for your antenna or cable hook-up. Harry Poster, Box 1883, So. Hack, NJ 07606.

FOR SALE: General Electric 800 with

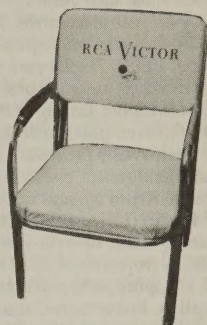


streamlined locomotive look, typical design work from the late 1940's. It's a very pretty set, the only

1948 bakelite TV which didn't have square lines. The bakelite cabinet is unbroken, and the chassis and picture tube look complete-it's in As Found condition. Priced at only \$145, and we can electrically restore the set-if you'd like. Harry Poster, Box 1883, South Hackensack, NJ 07606



FOR SALE: Motorola 1949 bakelite table top with gold painted trim. This set's only 12-1/2" high. This one should be a bargain at \$99, plus it's UPS-able! Harry Poster, Box 1883, So. Hack, NJ 07606. Please call (201)794-9606 before 7PM.



FOR SALE: RCA Radio dealer chairs. Put into stores in the 1950's, these have tubular chrome arms and legs and have the famous RCA logo on the backs. Two chairs at \$165 each or \$300 for the pair. They can be shipped. Harry Poster, Box 1883, So. Hack, NJ 07606. Please call (201)794-9606 before 7PM.



MESSAGE: WE BUY DECO-and the UNUSUAL! Keep us in mind for strange items in glass or bakelite. We want another Nocturne, Zenith Radio Nurses, unusual mirrored radios, any item-radio or not-with weird or impressive styling! Harry Poster.

WANTED: TRANSISTOR RADIOS.

- ✓ **Paying \$250-\$400 for Mantola (Madison), Mitchell, Bulova & other mint copies of the Regency TR-1, plus the TR-1/1G itself!**
- ✓ **Paying up to \$400 for all-miniature tube and hybrid (tube+transistor) radios.**
- ✓ **Buying parts and broken sets--- at parts prices!**

We are THE high-end transistor buyers--and we pay CASH! Harry Poster, Box 1883, South Hackensack, NJ 07606.

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 15¢ each. See details below. Classified ads must be received (not just postmarked!) by **NOON** on the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page two for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

Please write legibly and use both capital and small letters. Do not use dashes between words. Some numbers and letters can look alike, for example 1, l and I (the number one, the capital i and the small L.) Write the following characters clearly (especially in model numbers): 1, l and I; 0, O, o, Q and D; r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which looks similar to a common word or manufacturer, note it so that we do not "correct" it. Editor's comments are in [brackets].

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be identified as such. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.

Publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Publisher is not responsible for errors due to illegibly written ads or for any other reason. Since club activities receive free advertising on the *Coming Radio Events* page, the free 20 words may not be used for club activity ads. See inside front cover for additional information.

CLASSIFIED AD DETAILS

Deadline: NOON – 10th of the month!

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET**, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. Wanted and For Sale ads are mixed together to encourage the reading of all ads, including the Wanted ads. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE***

15¢ per word for extra words over 20 **plus**

10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only one ad each month.

Non-Subscribers:

30¢ per word **plus**

10¢ per word for shaded ad.

Please do not forget to send in the extra 15¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Minimum run is 3 months, prepaid.

Boxed Classified Ad Rates per Month

Nonshaded ads:

25¢ per word for all words,* none free, **plus**

10¢ per word for each bold word **plus**

10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):

35¢ per word for all words* **plus**

10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month

for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$8.00 per month for each photo or drawing

(If ad is canceled, this amount cannot always be refunded.)

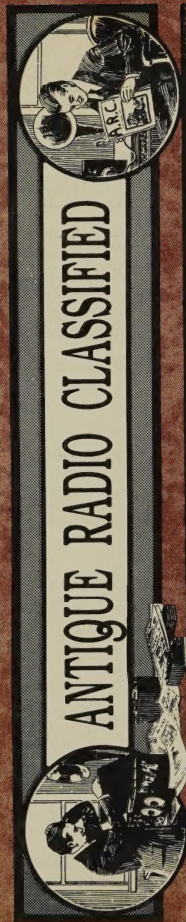
CHANGES & CANCELSATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The **standard headings**: WANTED, FOR SALE, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word. Hyphenated words count as two words.

SECOND CLASS



A.R.C., P.O. Box 2, CARLISLE, MA 01741

RETURN POSTAGE GUARANTEED

EXP=JUN98

23947

CLASSIFIED AD
DEADLINE NOV. 10TH